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Ohio Labor Market Information

Labor Market Review

June 1988

Summary. Ohio's seasonally adjusted unemployment rate, at 5.9 percent in June, was down from 6.2 percent in May. The U.S. rate was also lower, dropping from 5.6 percent to 5.3 percent. Total employment in Ohio rose 37,000 from May, to 4,959,000 in June. The number of jobless Ohioans fell 14,000, to 312,000. Seasonally adjusted nonagricultural payroll employment in Ohio increased 8,000 from May, to 4,680,000 in June. (See page 3.)

Factory Employment. Manufacturing employment in Ohio totaled 1,098,000 in June, on a par with May. Employment in both durable goods (736,000) and nondurable goods (362,000) was unchanged from May.

Nonmanufacturing. Employment in nonmanufacturing industries in Ohio was up 8,000 from May, to 3,582,000 in June. Services and government rose 3,000 each. Construction, wholesale trade, and retail trade each gained 1,000 jobs. No change in employment occurred in mining, transportation and public utilities, or finance, insurance, and real estate.

Over the Year. The unemployment rate in Ohio fell from 7.2 percent in June 1987, to 5.9 percent in June 1988. There was an increase of 85,000 in total employment from June 1987, while the number of unemployed dropped 65,000. The national unemployment rate declined from 6.1 percent to 5.3 percent over the year. Nonfarm wage and salary employment in Ohio rose 113,000 between June 1987 and June 1988. All major divisions had greater employment except mining, which was down 1,000. Services gained 42,000 jobs, while retail trade and construction were up 25,000 and 15,000, respectively. Advances in nondurable-goods industries helped to boost manufacturing employment 6,000 from June 1987.

Factory Hours and Earnings. Manufacturing production workers in Ohio had average weekly earnings of $520.90 in June, up $4.47 from May. Their average workweek increased .3 hours, to 43.3 hours. Nearly all industries had higher hours and earnings in June than in May. The most significant were fabricated metal products, chemicals and allied products, primary metal industries, nonelectrical machinery, and paper and allied products.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law totaled 40,272 in June, up 6.4 percent from May, but down 27.4 percent from June 1987. Total benefits paid increased 2.5 percent, to $42.7 million. The average benefit check of $152.24 was $2.38 lower than in May. The average weekly number of benefit recipients, at 61,190, was down 11.2 percent from May. At the end of June, there were 200,060 active employer accounts.

Ohio Bureau of Employment Services

Richard F. Celeste, Governor Grace Kilbane, Acting Administrator

Employment Service. The Ohio Bureau of Employment Services aided 40,409 new applicants in June, up 13.7 percent from May, but down 2.6 percent from June 1987. There were 15,074 job openings received from employers, up 1.4 percent from May, and up 12.4 percent from June 1987. The Employment Services Division made 32,914 referrals and 7,524 placements.

Hire Persons with Disabilities

People at Work is what the American dream is all about and people with disabilities are a part of this dream. But some are excluded. Many people ignore the ABILITY and just see the DISABILITY.

It's difficult to reach your dream without a job. Various studies show that approximately two-thirds of all disabled workers between 16 and 64 years old are not working. Do what you can to promote employment and to employ qualified workers with disabilities!

Call your local OBES Office for referral of qualified disabled job applicants.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jun. 1988	May 1988	Jun. 1987	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data							
Civilian Labor Force	5,271	5,248	5,251	23	20	0.4	0.4
Employment	4,959	4,922	4,874	37	85	0.8	1.7
Unemployment	312	326	377	-14	-65	-4.3	-17.2
Unemployment Rate	5.9	6.2	7.2				
Employer Survey Data							
Total	4,680	4,673	4,568	8	113	0.2	2.5
Manufacturing	1,098	1,099	1,092	0	6	-0.0	0.6
Durable Goods	736	736	735	0	1	-0.0	0.2
Nondurable Goods	362	362	357	0	5	-0.1	1.4
Nonmanufacturing	3,582	3,574	3,476	8	106	0.2	3.1
Mining	20	20	21	0	-1	0.0	-3.4
Construction	191	190	175	1	15	0.6	8.8
Transportation and Public Utilities	209	209	207	0	2	-0.1	1.0
Wholesale Trade	255	254	248	1	7	0.3	2.8
Retail Trade	870	869	845	1	25	0.1	3.0
Finance, Insurance and Real Estate	250	250	243	0	7	-0.2	3.1
Services	1,091	1,088	1,049	3	42	0.3	4.0
Government	696	693	688	3	7	0.4	1.1
Goods Producing Industries	1,309	1,308	1,288	1	21	0.1	1.6
Service Producing Industries	3,371	3,364	3,280	7	92	0.2	2.8

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. Includes Mining, Construction, and Manufacturing. Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	US	
5,197	4,746	451	8.7	7.1	1986 June
5,200	4,777	423	8.1	7.0	July
5,194	4,773	421	8.1	6.9	August
5,174	4,737	437	8.4	7.0	September
5,230	4,813	417	8.0	6.9	October
5,265	4,868	397	7.5	6.9	November
5,275	4,854	421	8.0	6.7	December
5,276	4,849	427	8.1	6.7	1987 January
5,295	4,850	445	8.4	6.6	February
5,237	4,838	399	7.6	6.5	March
5,236	4,854	382	7.3	6.3	April
5,277	4,884	393	7.4	6.3	May
5,251	4,874	377	7.2	6.1	June
5,252	4,886	366	7.0	6.0	July
5,234	4,873	361	6.9	6.0	August
5,181	4,891	290	5.6	5.9	September
5,215	4,900	315	6.0	6.0	October
5,263	4,945	318	6.0	5.9	November
5,264	4,937	327	6.2	5.8	December
5,330	4,983	347	6.5	5.8	1988 January
5,355	5,013	342	6.4	5.7	February
5,369	4,958	411	7.7	5.6	March
5,277	4,945	332	6.3	5.4	April
5,248	4,922	326	6.2	5.6	May
5,271	4,959	312	5.9	5.3	June

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
4,464	1,112	755	357	1986 June
4,472	1,108	751	357	July
4,481	1,107	750	357	August
4,484	1,098	742	356	September
4,495	1,098	740	358	October
4,509	1,102	744	358	November
4,521	1,103	745	357	December
4,532	1,096	740	356	1987 January
4,549	1,099	742	357	February
4,552	1,093	737	356	March
4,552	1,096	738	357	April
4,560	1,094	736	357	May
4,568	1,092	735	357	June
4,567	1,082	725	358	July
4,589	1,095	734	360	August
4,597	1,097	737	360	September
4,610	1,097	736	361	October
4,626	1,100	738	362	November
4,639	1,103	739	364	December
4,654	1,104	739	366	1988 January
4,665	1,102	737	364	February
4,667	1,096	732	364	March
4,667	1,099	736	363	April
4,673	1,099	736	362	May
4,680	1,098	736	362	June

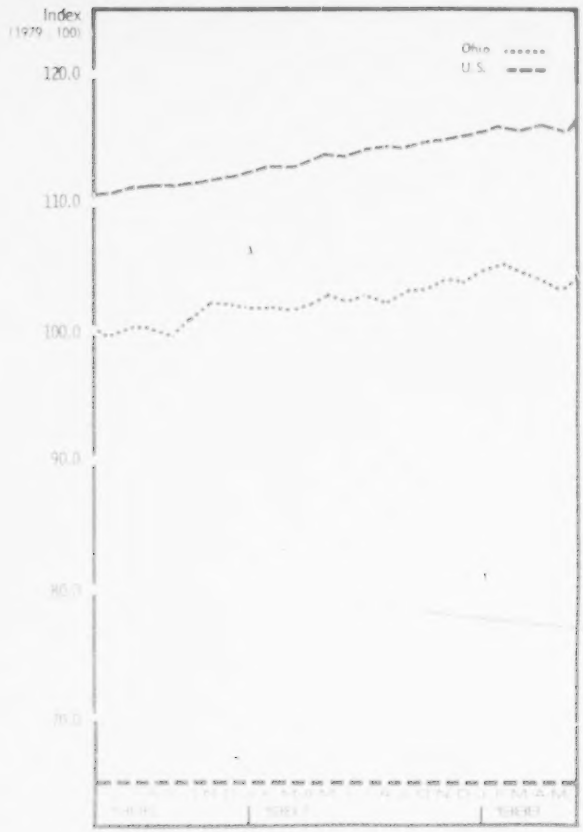
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

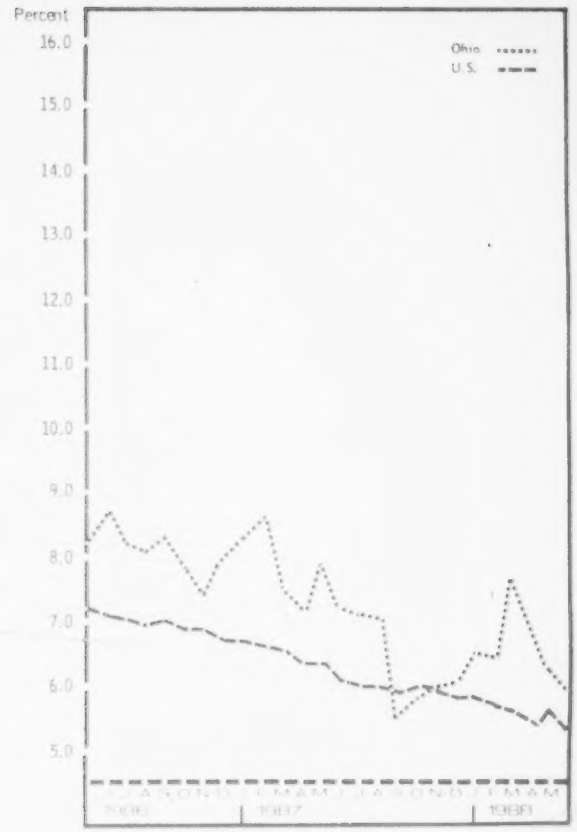
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government	
3,352	22	160	198	244	1986 June	818	232	998	679	
3,364	22	160	204	244	July	820	233	1006	676	
3,374	22	161	204	244	August	823	234	1009	678	
3,385	21	161	204	244	September	825	235	1012	683	
3,397	22	163	205	244	October	827	237	1017	683	
3,406	22	164	206	244	November	828	238	1023	682	
3,418	22	166	206	244	December	830	239	1028	684	
3,436	22	173	206	245	1987 January	836	239	1029	686	
3,451	22	174	206	246	February	842	240	1035	686	
3,459	21	175	206	246	March	845	241	1038	687	
3,457	21	173	206	247	April	841	241	1040	687	
3,467	21	174	207	248	May	844	242	1044	687	
3,476	21	175	207	248	June	845	243	1049	688	
3,484	21	176	207	249	July	847	244	1054	686	
3,494	21	177	207	250	August	850	245	1057	688	
3,500	21	178	207	251	September	852	245	1060	686	
3,514	20	180	208	251	October	855	246	1064	690	
3,526	20	182	207	252	November	857	246	1069	692	
3,536	20	185	208	253	December	859	247	1072	693	
3,550	20	191	208	253	1988 January	864	248	1075	689	
3,563	20	192	207	254	February	869	249	1079	692	
3,572	20	192	208	254	March	870	249	1084	694	
3,568	20	191	209	254	April	868	250	1084	693	
3,574	20	190	209	254	May	869	250	1088	693	
3,582	20	191	209	255	June	870	250	1091	696	

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

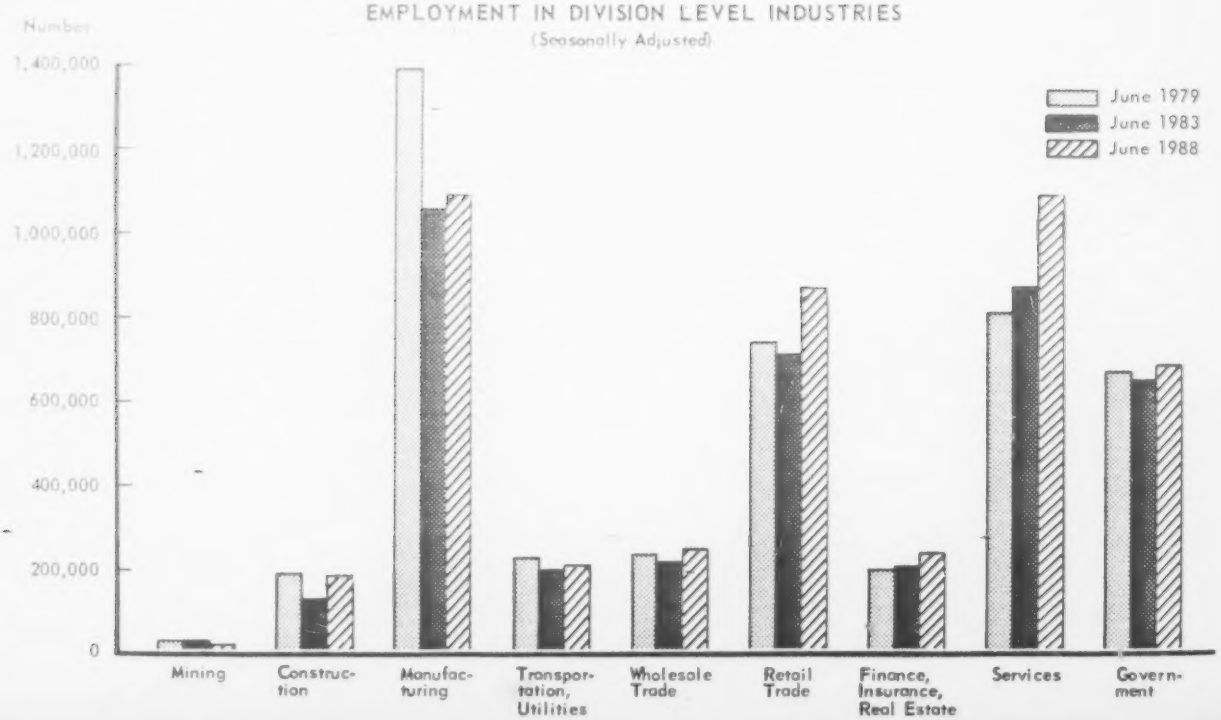
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	298	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,231	4,806	425	8.1	7.0	1986
5,248	4,881	367	7.0	6.2	1987
					1987
5,307	4,922	385	7.3	6.3	June
5,341	4,982	359	6.7	6.1	July
5,289	4,924	365	6.9	5.8	August
5,190	4,903	288	5.5	5.7	September
5,243	4,940	302	5.8	5.7	October
5,285	4,980	305	5.8	5.6	November
5,259	4,937	322	6.1	5.4	December
					1988
5,258	4,883	375	7.1	6.3	January
5,279	4,905	374	7.1	6.2	February
5,295	4,879	416	7.9	5.9	March
5,257	4,941	316	6.0	5.3	April
5,243	4,941	302	5.8	5.4	May
5,325	5,002	323	6.1	5.5	June

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural				
	Manufacturing			
		Durable	Nondurable	
4,230.1	1,344.1	945.2	398.9	1977
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,174.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.8	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,134.3	768.7	365.5	1985
4,471.4	1,109.8	752.7	357.1	1986
4,578.9	1,095.3	736.4	358.9	1987
				1987
4,611.5	1,097.6	739.1	358.5	June
4,572.3	1,084.3	725.5	358.8	July
4,591.0	1,097.5	733.6	363.9	August
4,641.2	1,108.3	742.1	366.2	September
4,658.5	1,099.8	736.4	363.4	October
4,676.2	1,103.7	740.2	363.6	November
4,636.9	1,101.9	738.8	364.1	December
				1988
4,565.8	1,094.5	732.6	361.9	January
4,568.8	1,092.4	732.3	360.1	February
4,595.8	1,088.8	729.0	359.7	March
4,651.0	1,097.7	737.1	360.6	April
4,704.9	1,099.7	738.4	361.3	May
4,726.6	1,104.9	741.3	363.6	June

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	
2,886.0	29.1	162.8	219.1	214.6	1977
3,017.7	29.0	176.6	225.0	226.0	1978
3,102.5	31.6	182.9	232.1	232.8	1979
3,103.0	30.7	167.4	223.1	230.6	1980
3,085.1	30.7	153.7	217.2	232.5	1981
3,024.4	30.3	134.6	206.8	226.0	1982
3,026.5	26.6	130.8	198.5	222.5	1983
3,133.1	27.8	144.8	203.9	236.7	1984
3,248.6	26.1	154.0	202.7	243.7	1985
3,361.6	22.6	160.7	203.4	244.3	1986
3,483.6	20.9	177.0	206.9	248.7	1987
					1987
3,514.0	21.1	184.4	208.5	250.4	June
3,488.0	21.1	192.7	208.6	250.6	July
3,493.5	21.1	196.8	209.1	251.1	August
3,533.0	21.4	196.4	209.3	251.2	September
3,559.0	20.7	198.6	210.0	252.4	October
3,570.4	20.8	192.7	209.6	252.2	November
3,573.9	20.5	182.9	209.6	252.8	December
					1988
3,471.3	20.1	163.5	203.3	250.9	January
3,476.4	19.7	158.9	202.3	250.8	February
3,507.1	19.5	165.5	204.5	251.6	March
3,556.2	19.8	179.1	207.2	253.4	April
3,605.0	19.9	191.0	209.3	255.3	May
3,621.8	20.3	200.4	210.6	257.3	June

Retail Trade	Finance, Insurance & Real Estate	Services	Government	
703.2	193.4	731.4	642.3	1977
730.4	191.1	772.1	667.5	1978
742.4	200.6	806.3	674.0	1979
726.6	203.6	830.9	689.9	1980
717.7	203.8	851.6	676.0	1981
703.4	206.4	857.3	659.6	1982
711.0	207.8	873.3	656.1	1983
748.0	211.5	905.2	655.2	1984
787.9	219.3	949.5	665.2	1985
818.6	232.3	1,001.0	678.9	1986
847.7	241.1	1,051.2	688.1	1987
				1987
851.5	244.7	1,065.9	687.5	June
852.8	246.8	1,068.2	647.1	July
858.1	247.2	1,068.6	641.4	August
861.1	246.1	1,074.7	672.7	September
862.3	245.7	1,070.4	698.9	October
873.9	246.2	1,067.5	707.6	November
887.8	246.7	1,064.7	708.9	December
				1988
846.2	245.9	1,047.8	693.6	January
838.0	246.4	1,056.5	703.7	February
843.1	247.1	1,066.9	708.9	March
857.3	248.6	1,085.1	705.8	April
870.5	250.1	1,098.0	710.5	May
877.1	252.2	1,108.8	695.0	June

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment
(In thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (In thousands)	Aggregate Weekly Payroll (In millions)	Aggregate Weekly Hours (In millions)
1,344.1	945.2	398.9	1977	958.0	$271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.8	401.5	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	38.2
1,232.6	860.4	372.3	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.8	752.7	357.1	1986	758.5	369.1	31.9
1,095.1	736.4	358.6	1987	748.5	374.0	31.9
			1987			
1,091.6	739.1	352.5	June	748.3	373.0	31.9
1,084.2	729.8	354.4	July	735.3	356.7	30.8
1,097.8	743.6	354.2	August	749.2	368.9	31.7
1,100.9	742.1	358.8	September	760.8	380.5	32.4
1,098.8	738.4	360.4	October	753.7	380.3	32.3
1,103.7	740.2	363.6	November	759.0	388.2	32.8
1,102.9	738.6	364.3	December	758.6	388.9	32.8
			1988			
1,095.8	732.6	363.2	January	750.1	380.8	32.1
1,092.4	732.3	360.1	February	748.5	376.4	31.7
1,088.8	729.0	359.7	March	744.5	378.6	31.8
1,097.5	737.1	360.6	April	752.3	388.8	32.4
1,099.1	738.6	361.3	May	754.3	389.5	32.4
1,104.9	741.1	363.6	June	758.0	394.8	32.8

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings			
	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods	
$281.08	$292.02	$256.34	1977	42.0	42.2	41.4	1977	$6.74	$6.92	$6.24	1977
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73	1978
335.16	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	1979
347.94	338.51	319.49	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	1980
369.78	401.66	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80	1981
401.82	414.84	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	1982
417.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	1983
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	1984
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	1985
488.69	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57	1986
499.70	519.52	455.03	1987	42.6	42.9	41.9	1987	11.73	12.11	10.86	1987
			1987				1987				
498.42	517.34	453.95	June	42.8	42.9	41.8	June	11.70	12.06	10.86	June
485.20	501.76	450.02	July	41.9	42.2	41.4	July	11.58	11.89	10.87	July
492.37	510.00	453.36	August	42.3	42.5	41.9	August	11.64	12.00	10.82	August
500.12	516.69	461.92	September	42.6	42.7	42.3	September	11.74	12.10	10.92	September
504.50	524.02	461.07	October	42.9	43.2	42.3	October	11.76	12.13	10.90	October
511.49	531.53	466.90	November	41.2	43.5	42.6	November	11.84	12.22	10.96	November
512.67	532.36	469.27	December	43.3	43.6	42.7	December	11.84	12.21	10.99	December
			1988				1988				
507.61	527.11	464.45	January	42.8	43.1	42.3	January	11.86	12.23	10.98	January
502.86	525.16	454.27	February	42.4	42.8	41.6	February	11.86	12.27	10.92	February
508.56	530.56	460.74	March	42.7	43.1	42.0	March	11.91	12.31	10.97	March
516.86	538.22	465.89	April	43.0	43.3	42.2	April	12.02	12.43	11.04	April
516.43	540.27	460.90	May	43.0	43.5	41.9	May	12.01	12.42	11.00	May
520.90	543.63	467.42	June	43.3	43.7	42.3	June	12.03	12.44	11.05	June

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.0	95.4	133.4	1987	154.4	86.3	148.0	1987	63.4	70.2	92.9
			1987				1987			
48.7	95.0	134.4	June	155.7	85.8	148.5	June	62.9	69.8	92.5
48.1	93.5	131.6	July	153.4	85.9	142.1	July	63.4	70.6	91.6
48.5	95.3	132.8	August	153.8	85.4	145.6	August	67.1	70.3	92.4
48.5	97.2	134.5	September	155.2	86.4	147.4	September	62.7	70.8	93.4
48.2	97.5	134.1	October	153.9	85.4	144.4	October	64.0	71.1	94.2
48.3	98.2	135.0	November	154.4	86.2	145.3	November	63.1	71.6	94.7
48.1	98.0	134.8	December	155.1	86.3	144.2	December	63.8	71.7	94.5
			1988				1988			
46.8	97.5	133.0	January	154.9	83.9	143.1	January	62.9	70.9	96.1
46.9	97.6	133.1	February	154.8	85.9	142.4	February	62.0	70.8	93.8
47.2	98.5	133.7	March	155.4	85.4	136.3	March	62.0	71.1	93.4
47.8	98.3	134.2	April	156.2	85.2	142.0	April	62.1	70.7	90.1
48.3	99.2	134.8	May	155.6	85.5	141.3	May	62.4	70.5	94.1
48.9	99.1	135.5	June	156.4	85.4	140.9	June	63.3	70.8	94.3

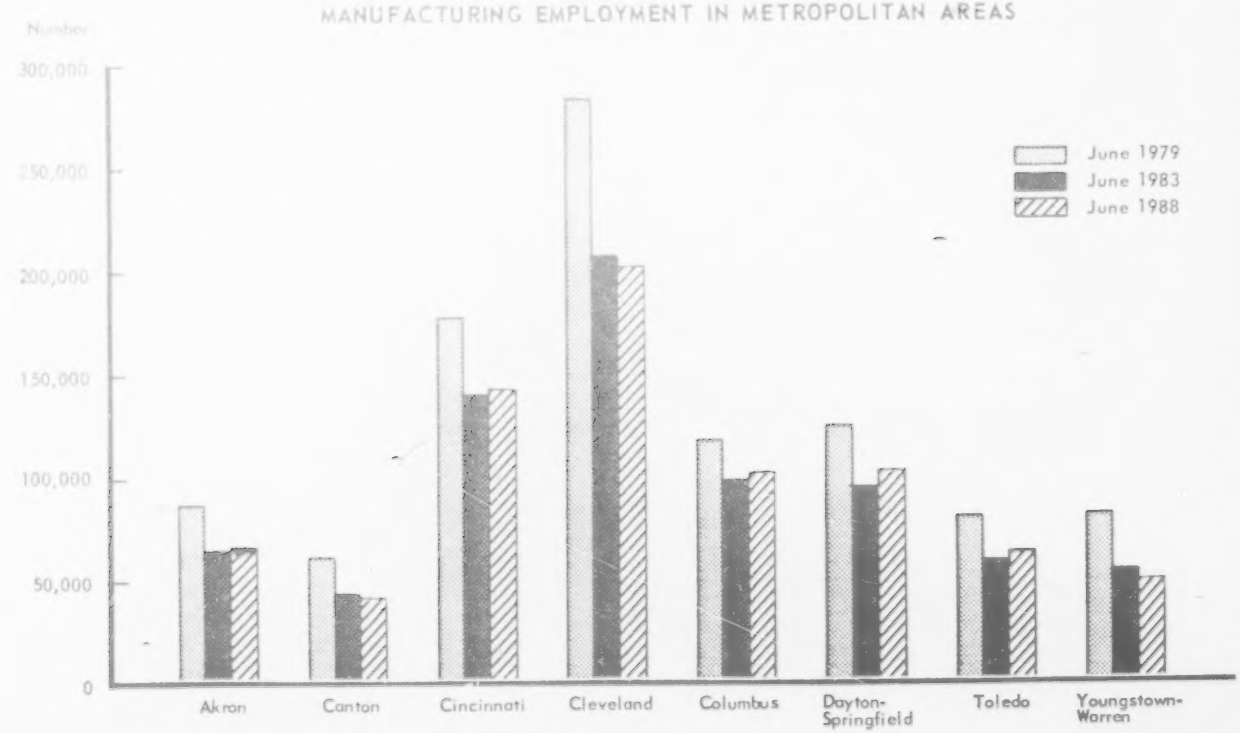
Average Weekly Earnings of Production Workers

$253.95	$329.54	$290.44	1977	$279.18	$248.44	$359.20	1977	$258.54	$271.96	$263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.41	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	321.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.20	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
			1987				1987			
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
440.96	603.90	484.26	August	489.41	458.43	628.00	August	435.11	432.06	443.65
460.31	630.20	484.88	September	489.41	452.08	634.36	September	453.64	444.24	437.38
451.76	601.12	503.43	October	510.85	466.07	652.50	October	432.22	442.18	453.44
457.53	614.66	511.06	November	521.70	475.58	653.43	November	444.15	446.00	454.31
451.76	611.52	514.65	December	520.68	476.27	656.37	December	455.80	450.64	451.44
			1988				1988			
448.56	614.21	506.11	January	507.17	480.80	649.28	January	450.93	434.17	448.59
453.90	610.54	508.89	February	511.81	477.57	640.41	February	438.19	433.83	441.44
464.61	611.88	509.41	March	518.52	470.82	663.00	March	445.12	447.08	440.41
459.43	631.48	523.50	April	528.23	472.92	662.64	April	443.22	440.95	453.10
468.70	633.36	518.06	May	526.59	469.25	678.00	May	436.31	445.31	452.92
468.72	639.85	525.82	June	530.75	469.96	680.40	June	442.85	439.09	452.23

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES

MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	4726.6	4704.6	4611.6	22.0	115.1
MANUFACTURING	1104.9	1099.7	1097.6	5.2	7.3
Durable Goods[e]	741.3	738.4	739.1	2.8	2.2
Lumber and wood products	22.1	21.7	19.9	.4	2.2
Furniture and fixtures	14.4	14.3	14.5	.1	-.1
Stone, clay, and glass products	48.9	48.3	48.7	.6	.3
Glass and glassware, pressed or blown	9.8	9.6	10.1	.2	-.3
Primary metal industries	99.7	99.2	95.0	.5	4.7
Blast furnace and basic steel products	45.3	45.5	43.0	-.2	2.3
Iron and steel foundries	21.2	21.0	19.5	.2	1.7
Nonferrous rolling and drawing	18.0	17.6	17.0	.4	1.0
Fabricated metal products	135.5	134.8	134.4	.7	1.1
Cutlery, hand tools, and hardware	9.9	9.9	9.5	.1	.4
Fabricated structural metal products	28.7	28.5	29.4	.2	-.8
Metal forgings and stampings	43.1	42.7	43.2	.4	-.1
Machinery, except electrical	156.4	155.6	155.7	.8	.7
Construction and related machinery	12.6	12.5	12.4	.2	.2
Metalworking machinery	39.9	39.8	40.2	.1	-.3
Special industry machinery	17.2	17.1	16.7	.2	.5
General industrial machinery	27.7	27.7	27.7	.0	.0
Office and computing machines	13.5	13.3	13.7	.2	-.2
Refrigeration and service machinery	15.8	15.7	16.3	.1	-.5
Electric and electronic equipment	85.4	85.5	85.8	-.2	-.4
Electrical industrial apparatus	16.7	16.6	15.8	.1	.9
Household appliances	15.4	15.4	16.4	.0	-1.0
Electric lighting and wiring equipment	16.8	16.9	17.0	-.2	-.2
Communication equipment	10.0	10.0	10.2	.0	-.2
Transportation equipment	140.9	141.3	148.5	-.4	-7.6
Motor vehicles and equipment	92.5	92.8	93.9	-.3	-1.4
Aircraft and parts	39.2	39.4	45.0	-.2	-5.7
Instruments and related products	23.5	23.3	22.8	.2	.7
Measuring and controlling devices	12.8	12.8	12.7	.0	.1
Nondurable Goods[f]	363.6	361.3	358.5	2.3	5.1
Food and kindred products	63.3	62.4	62.9	.8	.4
Meat products	9.1	9.2	9.7	-.1	-.6
Dairy products	11.0	10.9	10.5	.1	.5
Preserved fruits and vegetables	10.7	10.4	10.1	.3	.6
Bakery products	9.1	9.0	8.9	.1	.2
Beverages	9.4	9.2	9.7	.2	-.3
Apparel and other textile products	16.5	16.5	15.8	.0	.6
Paper and allied products	37.6	37.6	37.0	.1	.6
Misc. converted paper products	12.3	12.2	11.9	.2	.4
Paperboard containers and boxes	13.1	13.2	12.7	-.0	.4
Printing and publishing	70.8	70.5	69.8	.3	1.0
Newspapers	19.2	19.1	19.2	.1	.0
Commercial printing	26.2	26.1	26.2	.0	.0
Chemicals and allied products	63.8	63.5	63.4	.4	.4
Industrial inorganic chemicals	9.3	9.3	9.3	.0	.0
Rubber and misc. plastics products	94.3	94.1	92.5	.3	1.9
Tires and inner tubes	17.0	17.0	17.3	.0	-.2
Miscellaneous plastics products	56.3	56.2	54.8	.1	1.5

See footnotes on page 13.

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
NONMANUFACTURING	3621.8	3605.0	3514.0	16.8	107.8
MINING	20.3	19.9	21.1	.4	- .7
Bituminous coal and lignite mining	8.6	8.5	9.2	.1	- .7
Oil and gas extraction	6.8	6.6	6.9	.2	- .1
CONSTRUCTION	200.4	191.0	184.4	9.4	16.0
General building contractors	50.6	48.0	46.1	2.6	4.5
Heavy construction contractors	28.3	26.5	25.6	1.8	2.7
Highway and street construction	13.6	12.2	11.4	1.3	2.1
Special trade contractors	121.5	116.5	112.7	5.0	8.8
TRANSPORTATION AND PUBLIC UTILITIES	210.6	209.3	208.5	1.3	2.1
Railroad transportation	13.6	13.6	14.5	.0	- .9
Transportation, except railroads	107.7	106.6	104.6	1.1	3.1
Trucking and warehousing	74.0	73.3	72.5	.7	1.5
Communication, electric, gas services	89.4	89.1	89.5	.3	- .1
Communication	47.6	47.5	47.3	.1	.3
Electric, gas, and sanitary services	41.8	41.6	42.2	.2	- .4
WHOLESALE TRADE	257.3	255.3	250.4	2.1	6.9
Wholesale trade-durable goods	161.3	160.1	157.2	1.2	4.0
Motor vehicles & automotive equipment	22.5	22.3	21.9	.2	.6
Electrical goods	19.6	19.5	19.3	.0	.2
Machinery, equipment, and supplies	68.9	68.5	67.3	.4	1.5
Wholesale trade-nondurable goods	96.1	95.2	93.2	.9	2.9
Groceries and related products	30.2	29.7	29.3	.5	.9
RETAIL TRADE	877.1	870.9	851.5	6.2	25.6
General merchandise stores	116.3	116.1	115.1	.2	1.2
Department stores	101.1	100.9	100.5	.2	.6
Food stores	133.4	132.9	131.3	.5	2.1
Automotive dealers & service stations	96.8	95.9	93.8	.9	3.0
Apparel and accessory stores	43.1	43.0	40.7	.2	2.4
Eating and drinking places	314.0	310.5	305.3	3.5	8.8
FINANCE, INSURANCE, AND REAL ESTATE	252.2	250.1	244.7	2.1	7.5
Banking	64.4	63.9	63.3	.5	1.1
Credit agencies other than banks	38.4	38.2	37.5	.2	.9
Insurance carriers	69.4	69.1	68.1	.3	1.3
Life insurance	25.9	25.8	26.0	.1	.0
Fire, marine, and casualty insurance	30.8	30.7	29.9	.2	.9
SERVICES	1108.8	1098.0	1065.9	10.8	42.9
Hotels and other lodging places	36.9	35.6	36.1	1.3	.8
Personal services	58.1	58.0	56.0	.1	2.1
Laundry, cleaning, & garment services	19.3	19.2	18.9	.1	.4
Business services	224.5	220.9	210.0	3.6	14.6
Services to buildings	31.7	31.3	29.7	.4	2.0
Computer and data processing services	20.6	20.3	18.5	.3	2.1
Amusement and recreation services	54.6	48.4	53.6	6.2	1.1
Health services	370.5	368.0	360.3	2.4	10.2
Nursing and personal care facilities	82.4	81.8	79.6	.6	2.8
Hospitals	178.9	177.9	177.0	1.0	1.9
Educational services	57.4	62.4	56.1	- 5.0	1.3
Colleges and universities	28.4	32.6	28.2	- 4.2	.2
GOVERNMENT	695.0	710.5	687.5	- 15.5	7.5
Federal government	94.7	94.6	95.2	.2	- .5
State government	152.9	162.4	149.9	- 9.5	3.1
State government education[1]	76.3	87.5	74.5	- 11.1	1.8
State government, except education	76.6	75.0	75.3	1.7	1.3
Local government	447.4	453.5	442.5	- 6.2	4.9
Local government education	256.6	267.6	251.6	- 11.1	5.0
Local government, except education	190.8	185.9	190.9	4.9	- .1

See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$520.90	$516.43	$498.42	43.3	43.0	42.6	$12.03	$12.01	$11.70
Durable Goods[e]	543.63	540.27	517.37	43.7	43.5	42.9	12.44	12.42	12.06
Lumber and wood products	316.01	313.88	305.34	41.8	41.3	41.6	7.56	7.60	7.34
Furniture and fixtures	362.15	363.04	349.66	40.6	40.7	40.8	8.92	8.92	8.57
Stone, clay, and glass products	468.72	468.70	453.46	43.2	43.0	42.3	10.85	10.90	10.72
Glass and glassware, pressed or blown	489.94	490.89	455.31	42.2	42.1	39.8	11.61	11.66	11.44
Primary metal industries	639.85	633.36	599.86	45.9	45.5	44.5	13.94	13.92	13.48
Blast furnace and basic steel products	661.27	656.04	627.41	46.7	46.2	45.3	14.16	14.20	13.85
Iron and steel foundries	667.99	662.27	623.12	46.1	45.8	44.7	14.49	14.46	13.94
Nonferrous rolling and drawing	658.38	644.98	594.30	43.4	43.2	42.0	15.17	14.93	14.15
Fabricated metal products	525.82	518.06	501.50	43.6	43.1	42.9	12.06	12.02	11.69
Cutlery, hand tools, and hardware	510.02	494.46	466.72	41.6	41.0	40.2	12.26	12.06	11.61
Fabricated structural metal products	459.67	447.20	461.78	42.8	41.6	43.4	10.74	10.75	10.64
Metal forgings and stampings	657.55	648.17	619.16	45.6	45.2	44.1	14.42	14.34	14.04
Machinery, except electrical	530.75	526.59	505.36	43.9	43.7	42.9	12.09	12.05	11.78
Construction and related machinery	419.42	409.02	428.26	40.8	40.1	41.7	10.28	10.20	10.27
Metalworking machinery	498.82	495.00	480.20	44.3	44.0	43.3	11.26	11.25	11.09
Special industry machinery	520.50	512.96	484.92	45.3	44.8	42.8	11.49	11.45	11.33
General industrial machinery	553.35	559.33	532.29	43.4	43.8	43.1	12.75	12.77	12.35
Office and computing machines	435.72	417.59	403.94	41.3	40.9	41.6	10.55	10.21	9.71
Refrigeration and service machinery	663.11	652.15	576.20	45.7	45.1	43.0	14.51	14.46	13.40
Electric and electronic equipment	469.96	469.25	457.32	41.7	41.6	41.2	11.27	11.28	11.10
Electrical industrial apparatus	469.94	465.63	471.65	42.8	42.1	42.3	10.98	11.06	11.15
Household appliances	485.62	490.45	457.85	40.3	40.6	39.3	12.05	12.08	11.65
Electric lighting and wiring equipment	482.51	481.82	471.44	41.1	41.5	41.5	11.74	11.61	11.36
Communication equipment	484.30	503.87	509.96	40.8	42.2	41.8	11.87	11.94	12.20
Transportation equipment	680.40	678.00	628.65	45.0	45.2	43.9	15.12	15.00	14.32
Motor vehicles and equipment	714.10	711.91	648.40	45.6	45.9	43.9	15.66	15.51	14.77
Aircraft and parts	589.25	586.09	588.30	43.2	43.0	44.2	13.64	13.63	13.31
Instruments and related products	366.80	359.20	363.77	40.0	39.3	39.8	9.17	9.14	9.14
Measuring and controlling devices	350.74	352.20	351.71	38.0	38.2	37.9	9.23	9.22	9.28
Nondurable Goods[f]	467.42	460.90	453.95	42.3	41.9	41.8	11.05	11.00	10.86
Food and kindred products	442.85	436.31	445.79	41.7	41.2	42.7	10.62	10.59	10.44
Meat products	384.14	382.39	387.94	41.8	41.7	43.2	9.19	9.17	8.98
Dairy products	459.89	452.15	459.65	42.9	42.1	43.2	10.72	10.74	10.64
Preserved fruits and vegetables	463.84	444.21	427.18	41.6	40.2	40.8	11.15	11.05	10.47
Bakery products	466.80	464.11	475.73	40.0	39.6	40.8	11.67	11.72	11.66
Beverages	446.68	423.69	446.09	42.1	40.7	43.1	10.61	10.41	10.35
Apparel and other textile products	305.47	303.11	279.74	40.3	40.2	37.6	7.58	7.54	7.44
Paper and allied products	501.30	486.41	508.03	44.6	43.9	45.4	11.24	11.08	11.19
Misc. converted paper products	435.16	426.51	458.20	43.0	43.3	44.1	10.12	9.85	10.39
Paperboard containers and boxes	443.70	439.64	448.00	43.5	43.4	44.4	10.20	10.13	10.09
Printing and publishing	439.09	445.31	422.28	39.1	39.2	38.6	11.23	11.36	10.94
Newspapers	374.83	375.06	368.90	34.9	34.6	35.0	10.74	10.84	10.54
Commercial printing	428.93	439.39	408.86	39.9	40.2	39.2	10.75	10.93	10.43
Chemicals and allied products	559.43	540.47	529.61	43.0	41.8	41.8	13.01	12.93	12.67
Industrial inorganic chemicals	591.33	588.64	579.61	43.9	43.7	42.4	13.47	13.47	13.67
Rubber and misc. plastics products	452.23	452.92	441.58	43.4	43.3	42.5	10.42	10.46	10.39
Tires and inner tubes	685.70	700.38	640.59	46.3	47.1	45.4	14.81	14.87	14.11
Miscellaneous plastics products	431.57	433.29	426.89	42.9	42.9	42.1	10.06	10.10	10.14

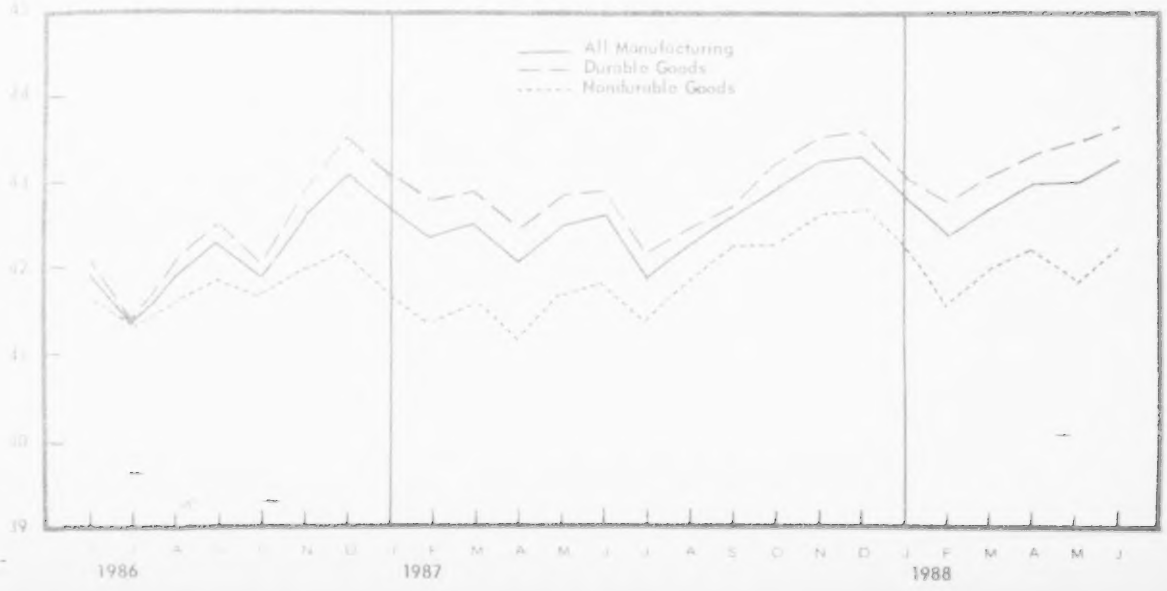
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

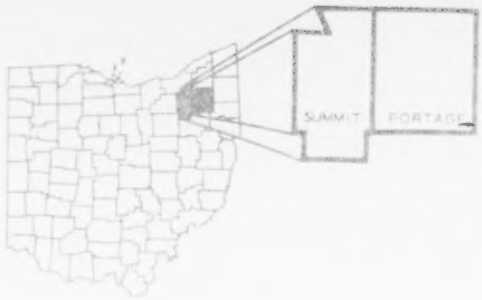
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MINING	$531.42	$528.67	$519.87	43.1	42.6	42.3	$12.33	$12.41	$12.29
Bituminous coal and lignite mining	629.54	632.30	622.80	41.2	41.3	40.6	15.28	15.31	15.34
CONSTRUCTION	589.82	573.53	560.38	39.4	38.7	38.7	14.97	14.82	14.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	564.10	561.25	555.67	40.7	40.7	41.1	13.86	13.79	13.52
Communication	542.40	535.06	547.24	40.0	39.9	40.9	13.56	13.41	13.38
Electric, gas, and sanitary services	590.72	593.39	566.22	41.6	41.7	41.3	14.20	14.23	13.71
WHOLESALE TRADE	386.88	388.08	375.14	39.0	39.2	39.2	9.92	9.90	9.57
Wholesale trade-durable goods	380.83	381.42	371.45	39.1	39.2	39.1	9.74	9.73	9.50
Wholesale trade-nondurable goods	397.17	399.45	381.79	38.9	39.2	39.4	10.21	10.19	9.69
RETAIL TRADE[h]	166.18	163.86	161.29	28.8	28.3	28.7	5.77	5.79	5.62
General merchandise stores	178.13	176.88	182.90	28.5	28.3	29.5	6.25	6.25	6.20
Department stores	182.47	181.48	188.26	28.6	28.4	29.6	6.38	6.39	6.36
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	268.93	265.10	258.56	....	....	....	.....	.....	.....
Credit agencies other than banks	267.78	266.94	249.79	....	....	....	.....	.....	.....
Insurance carriers	370.30	371.47	346.00	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	338.66	336.96	330.01	33.3	33.1	33.2	10.17	10.18	9.94

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



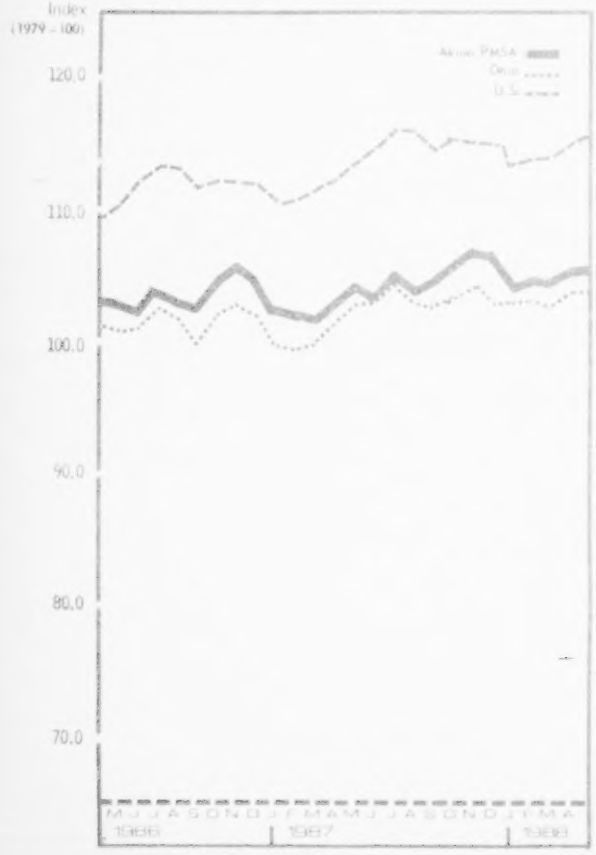
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



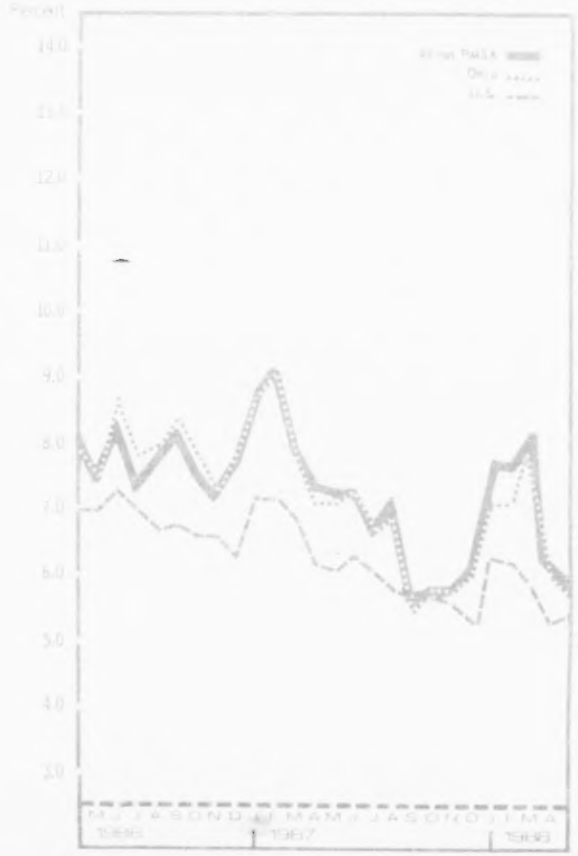
Nonagricultural wage and salary employment in the Akron metropolitan area totaled 269,700 in June, down 3,400 from the May 1988 level. The loss was concentrated in the nonmanufacturing sector. Although a significant gain was noted in services, seasonal declines in state and local nonteaching personnel contributed to the overall loss of 3,700 nonmanufacturing jobs. Manufacturing employment increased 300 over the month, to 67,200. Modest improvements occurred in nonelectrical machinery and rubber and miscellaneous plastics products. Production workers earned an average of $11.[illegible] per hour, $.03 less than last month. Their average workweek, 43.8 hours, was .5 hours longer.

Total nonfarm payroll employment advanced 7,600 between June 1987 and June 1988. Expansion in the nonmanufacturing sector netted 88.2 percent of the gain. Primary growth sectors were services, local schools, and retail trade. The manufacturing workforce increased 900 over the year with moderate gains in nonelectrical machinery, especially metalworking machinery, and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

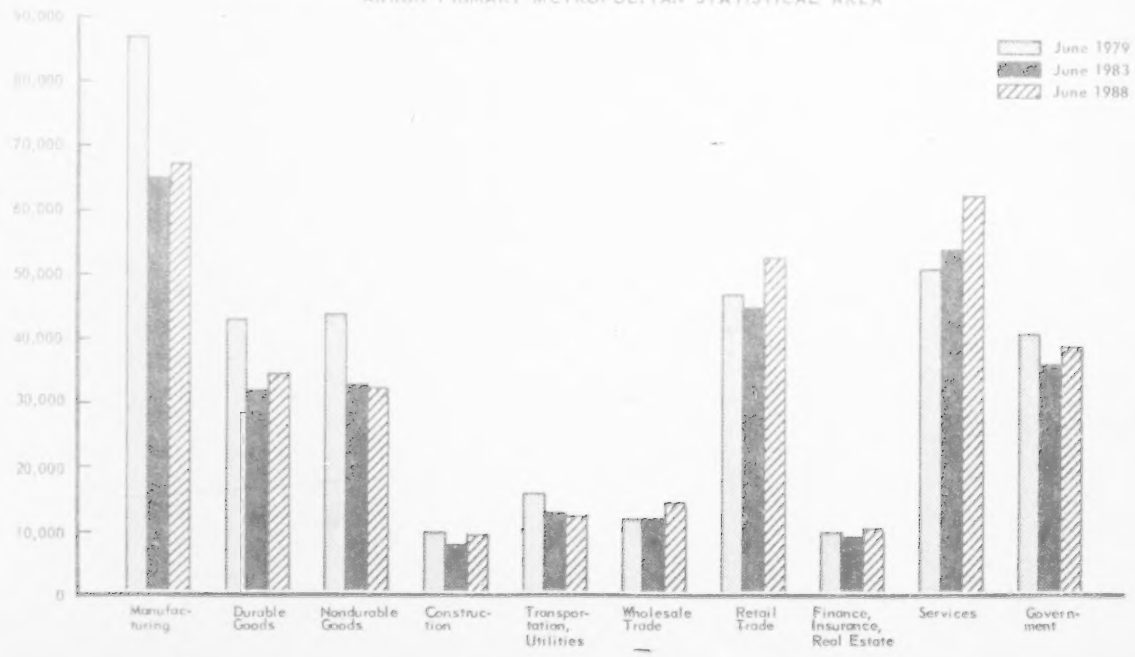


(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	$285.53	42.3	$ 6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
319.9	297.2	22.8	7.1	1987	264.8	66.5	36.2	487.03	43.1	11.30
				1987						
321.7	298.3	23.5	7.3	May	265.9	66.1	35.7	487.19	43.0	11.33
318.1	294.9	23.1	7.3	June	262.1	66.3	35.8	488.32	43.1	11.33
321.9	300.3	21.6	6.7	July	262.1	66.0	35.7	469.42	42.1	11.15
319.7	296.6	23.2	7.2	August	262.3	66.1	35.8	482.36	43.3	11.14
317.3	299.1	18.2	5.7	September	269.3	67.1	36.8	488.42	43.3	11.28
321.3	302.5	18.8	5.8	October	271.0	66.7	36.7	487.73	43.2	11.29
323.5	304.9	18.6	5.8	November	271.6	67.1	37.1	484.44	43.1	11.24
322.6	302.5	20.0	6.2	December	271.9	67.0	36.9	503.88	44.2	11.40
				1988						
320.4	295.7	24.7	7.7	January	262.8	66.6	36.5	489.89	43.2	11.34
323.9	299.3	24.6	7.6	February	265.5	66.6	36.5	488.05	43.0	11.35
324.5	298.0	26.5	8.2	March	267.5	66.7	36.8	495.07	43.2	11.46
321.0	301.1	19.8	6.2	April	270.1	66.9	36.8	512.60	43.7	11.73
320.0	301.5	18.5	5.8	May	273.1	66.8	37.0	504.88	43.3	11.66
INA	INA	INA	INA	June	269.7	67.2	37.2	509.39	43.8	11.63

INA – Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	269.7	273.1	262.1	- 3.4	7.6
MANUFACTURING	67.2	66.8	66.3	.3	.9
Durable Goods[e]	34.6	34.5	33.9	.2	.7
Fabricated metal products	11.6	11.6	11.5	.0	.1
Machinery, except electrical	9.9	9.7	9.2	.2	.6
Metalworking machinery	3.5	3.5	3.2	.0	.3
Nondurable Goods[f]	32.5	32.4	32.3	.2	.2
Food and kindred products	3.0	3.0	3.0	.0	.0
Chemicals and allied products	2.9	2.9	3.0	.0	- .1
Rubber and misc. plastics products	21.1	20.9	20.8	.1	.3
Tires and inner tubes	12.7	12.7	13.0	.0	- .3
NONMANUFACTURING[g]	202.5	206.2	195.8	- 3.7	6.7
CONSTRUCTION	9.9	9.5	9.4	.5	.6
TRANSPORTATION AND PUBLIC UTILITIES	12.9	12.8	12.9	.1	.0
Communication, electric, gas services	5.3	5.3	5.3	.0	.0
WHOLESALE TRADE	14.5	14.3	14.1	.2	.4
RETAIL TRADE	52.5	52.0	51.5	.5	.9
General merchandise stores	6.0	5.9	6.1	.1	- .2
FINANCE, INSURANCE, AND REAL ESTATE	10.9	10.8	10.5	.1	.4
Banking	3.2	3.2	3.1	.0	.1
SERVICES	62.4	61.3	58.9	1.1	3.5
Business services	11.8	11.7	11.1	.1	.7
Amusement and recreation services	4.8	4.2	4.3	.6	.5
Health services	20.4	20.2	19.2	.2	1.2
GOVERNMENT	38.8	45.0	38.0	- 6.2	.8
State government	11.2	16.7	10.7	- 5.5	.5
State government education[i]	8.2	13.7	7.6	- 5.6	.5
State government, except education	3.1	3.0	3.1	.1	.0
Local government	25.2	26.0	24.8	- .8	.4
Local government education	13.9	15.0	12.9	- 1.1	1.1
Local government, except education	11.2	11.0	11.9	.3	- .6

Hours & Earnings of Production or Nonsupervisory Workers[a]

Akron PMSA

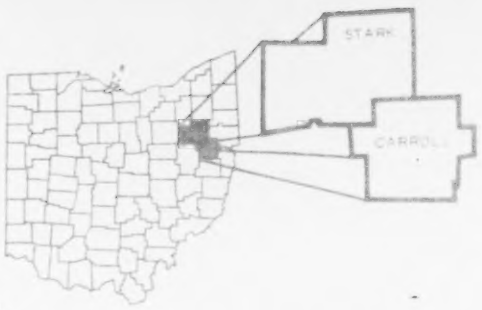
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$509.39	$504.88	$488.32	43.8	43.3	43.1	$11.63	$11.66	$11.33
Durable Goods[e]	529.32	522.87	516.12	44.0	43.5	44.0	12.03	12.02	11.73
Fabricated metal products	680.15	668.29	635.56	46.3	45.4	45.3	14.69	14.72	14.03
Machinery, except electrical	465.33	460.28	474.37	44.7	44.3	45.7	10.41	10.39	10.38
Metalworking machinery	494.34	483.21	470.32	46.2	45.5	46.2	10.70	10.62	10.18
Nondurable Goods[f]	481.11	478.59	446.84	43.5	43.0	41.8	11.06	11.13	10.69
Food and kindred products	465.65	449.17	462.93	43.6	41.9	42.2	10.68	10.72	10.97
Chemicals and allied products	488.97	499.80	454.80	41.9	42.5	40.0	11.67	11.76	11.37
Rubber and misc. plastics products	510.76	505.08	469.81	45.2	44.5	43.3	11.30	11.35	10.85
Tires and inner tubes	811.34	811.34	732.96	50.3	50.3	48.0	16.13	16.13	15.27
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	560.85	562.78	573.61	40.7	40.9	41.9	13.78	13.76	13.69
WHOLESALE TRADE	354.43	348.81	336.80	38.4	38.5	37.8	9.23	9.06	8.91
RETAIL TRADE[h]	195.62	195.31	194.91	31.5	31.3	31.9	6.21	6.24	6.11

[a]See Technical for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	2,619	2,621	3,773
Active File of Job Seekers	17,303	17,763	19,353
Referrals to Jobs	1,511	1,492	1,793
Placements	641	339	336
Job Openings Received	1,475	946	1,129
Job Openings Unfilled	1,993	1,582	2,473
Unemployment Insurance Program			
Initial Claims	2,133	2,153	2,871
Continued Claims	19,968	22,128	27,290
First Payments	880	823	1,192
Last Payments	437	394	454
Weeks Compensated	17,328	17,034	20,147
Benefits Paid	$2,550,683	$2,580,200	$2,992,957
Average Weekly Payment	$151.30	$155.01	$152.55

CANTON
METROPOLITAN STATISTICAL AREA

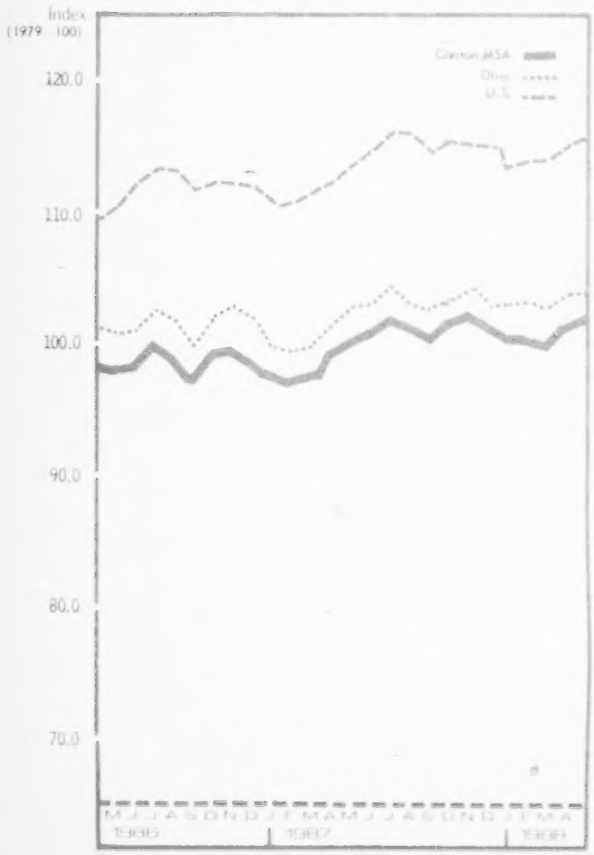


Note: Canton metropolitan area statistics are no longer funded and validated by the U.S. Bureau of Labor Statistics.

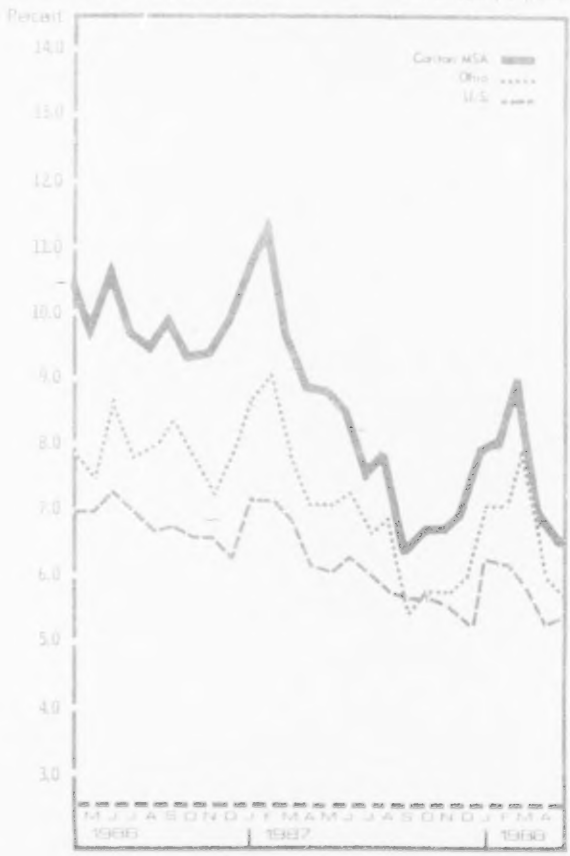
Total nonfarm wage and salary employment in the Canton metropolitan area increased 1,700 from May, to 161,900 in June 1988. Scattered gains in nonmanufacturing employment, especially in construction and services, contributed most to the improvement. The manufacturing labor force added 300 jobs over the month. Production worker average hourly earnings dropped $.08 from May, to $11.31 per hour in June. Their average workweek was .3 hours shorter, at 42.9 hours.

Between June 1987 and June 1988, nonagricultural payroll employment rose 4,600. A major portion of the growth occurred in construction and services. Moderate improvement was also noted in retail trade. Manufacturing employment lost 100 workers over the year due chiefly to reductions in fabricated metal products and food and kindred products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

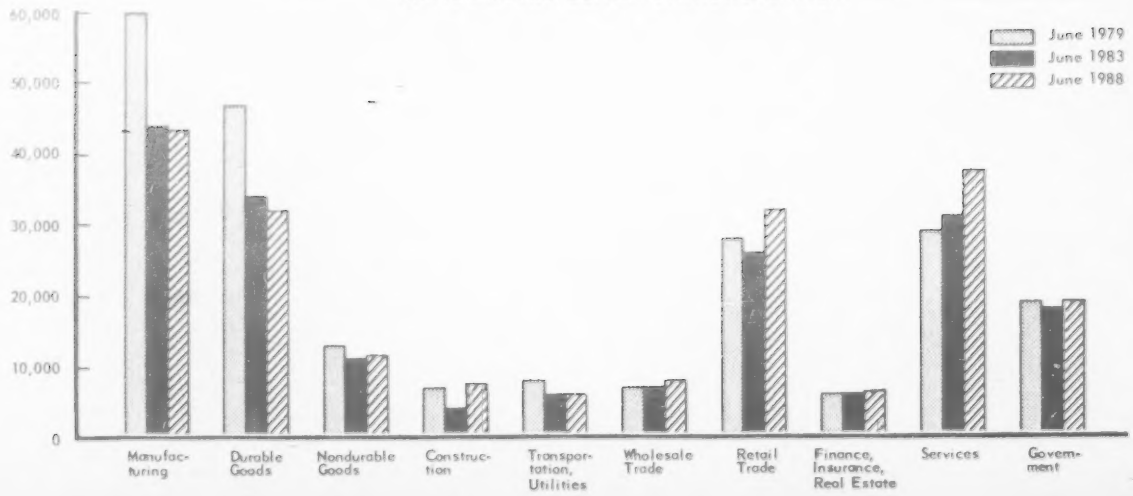


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	$273.14	39.7	$ 6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
189.6	174.0	15.7	8.3	1987	155.9	43.5	30.8	475.15	41.9	11.34
				1987						
191.2	174.4	16.7	8.7	May	156.3	43.5	30.6	486.35	42.7	11.39
191.8	175.5	16.3	8.5	June	157.3	43.8	30.9	479.39	42.2	11.36
191.1	176.9	14.2	7.4	July	155.7	42.9	30.2	470.50	41.6	11.31
190.9	176.0	14.9	7.8	August	157.1	43.5	30.9	460.73	41.1	11.21
185.9	174.2	11.7	6.3	September	157.7	43.7	31.2	468.95	41.5	11.30
188.1	176.2	12.5	6.6	October	158.6	43.7	31.2	476.52	41.8	11.40
189.9	177.4	12.5	6.6	November	158.7	43.8	31.2	475.73	42.1	11.30
188.8	175.9	12.9	6.8	December	158.9	43.9	31.3	476.44	42.2	11.29
				1988						
188.9	173.9	15.0	7.9	January	155.4	43.6	30.9	493.78	43.2	11.43
189.4	174.4	15.1	8.0	February	155.4	43.7	31.1	493.06	43.1	11.44
190.1	173.0	17.1	9.0	March	156.0	43.2	31.1	488.48	43.0	11.36
188.9	175.7	13.2	7.0	April	158.3	43.2	30.6	493.34	43.2	11.42
190.2	177.7	12.4	6.5	May	160.2	43.4	30.8	492.05	43.2	11.39
INA	INA	INA	INA	June	161.9	43.7	31.0	485.20	42.9	11.31

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	161.9	160.2	157.3	1.7	4.6
MANUFACTURING	43.7	43.4	43.8	.3	-.1
Durable Goods[e]	32.0	31.8	32.2	.1	-.2
Primary metal industries	10.7	10.6	10.6	.1	.1
Fabricated metal products	6.2	6.2	6.6	.0	-.4
Metal forgings and stampings	1.9	1.9	2.2	.0	-.3
Nondurable Goods[f]	11.7	11.6	11.6	.1	.1
Food and kindred products	3.3	3.3	3.5	.0	-.2
Rubber and misc. plastics products	3.0	3.0	2.9	.0	.1
NONMANUFACTURING[g]	118.3	116.8	113.5	1.4	4.7
CONSTRUCTION	7.7	7.3	6.4	.4	1.3
TRANSPORTATION AND PUBLIC UTILITIES	6.1	5.9	5.7	.2	.4
Communication, electric, gas services	2.7	2.6	2.6	.1	.1
WHOLESALE TRADE	8.2	8.0	8.1	.2	.1
Wholesale trade-durable goods	4.6	4.4	4.5	.1	.0
RETAIL TRADE	32.0	31.8	31.2	.1	.8
General merchandise stores	4.0	3.9	3.8	.1	.1
Food stores	5.1	5.1	5.1	.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.4	6.5	.1	.0
Banking	1.9	1.9	1.9	.0	.0
SERVICES	37.3	36.9	36.0	.4	1.3
Health services	15.4	15.4	15.0	.0	.3
GOVERNMENT	19.3	19.5	18.7	-.1	.6
State government (includes education)	1.7	1.8	1.7	-.1	.0
Local government	16.1	16.3	15.5	-.1	.7
Local government education	9.2	9.4	9.0	-.2	.2
Local government, except education	7.0	6.9	6.5	.1	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

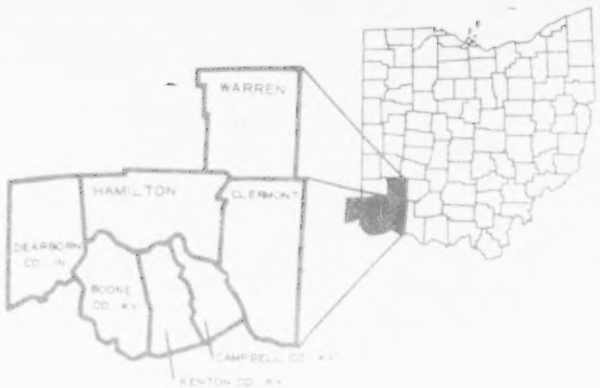
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$485.20	$492.05	$479.39	42.9	43.2	42.2	$11.31	$11.39	$11.36
Durable Goods[e]	507.48	515.22	509.44	43.3	43.7	43.1	11.72	11.79	11.82
Primary metal industries	604.77	610.77	591.30	46.7	47.2	45.0	12.95	12.94	13.14
Fabricated metal products	438.46	444.94	471.24	41.6	41.7	42.0	10.54	10.67	11.22
Metal forgings and stampings	570.00	579.68	629.42	40.0	40.2	43.2	14.25	14.42	14.57
Nondurable Goods[f]	419.67	423.61	390.46	41.8	41.9	39.6	10.04	10.11	9.86
Food and kindred products	444.57	444.04	408.24	40.6	40.7	40.5	10.95	10.91	10.08
Rubber and misc. plastics products	418.37	423.19	419.80	41.3	41.9	41.4	10.13	10.10	10.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	545.11	543.65	544.66	40.2	40.3	41.2	13.56	13.49	13.22
WHOLESALE TRADE	381.30	380.89	360.01	37.2	37.6	37.0	10.25	10.13	9.73
RETAIL TRADE[h]	160.52	158.08	154.37	29.4	28.9	28.8	5.46	5.47	5.36

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

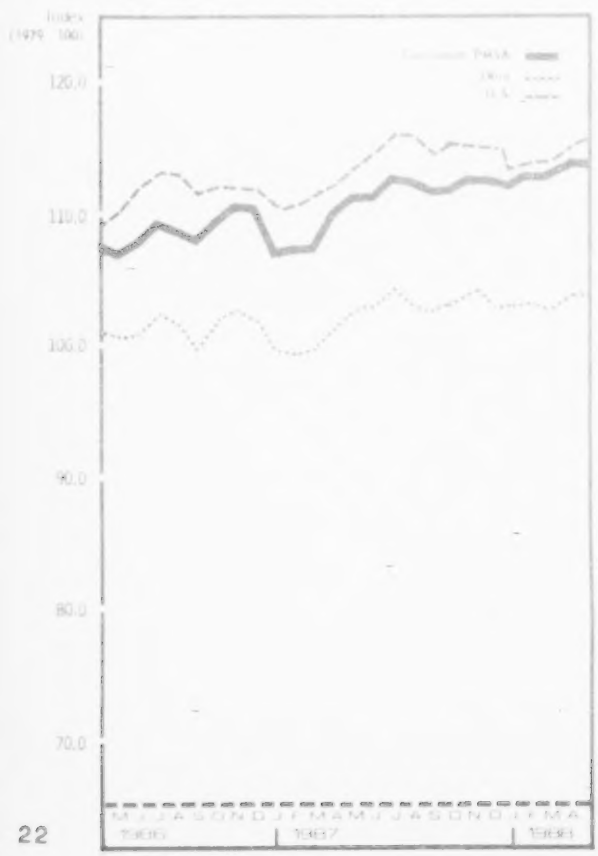
	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	1,542	1,343	1,198
Active File of Job Seekers	12,069	12,276	12,783
Referrals to Jobs	1,147	1,129	831
Placements	199	183	282
Job Openings Received	681	629	517
Job Openings Unfilled	1,409	1,103	1,285
Unemployment Insurance Program			
Initial Claims	1,520	1,403	2,211
Continued Claims	13,158	14,343	18,505
First Payments	588	566	713
Last Payments	220	237	337
Weeks Compensated	11,262	10,828	13,015
Benefits Paid	$1,586,247	$1,529,491	$1,824,886
Average Weekly Payment	$145.29	$145.82	$144.99

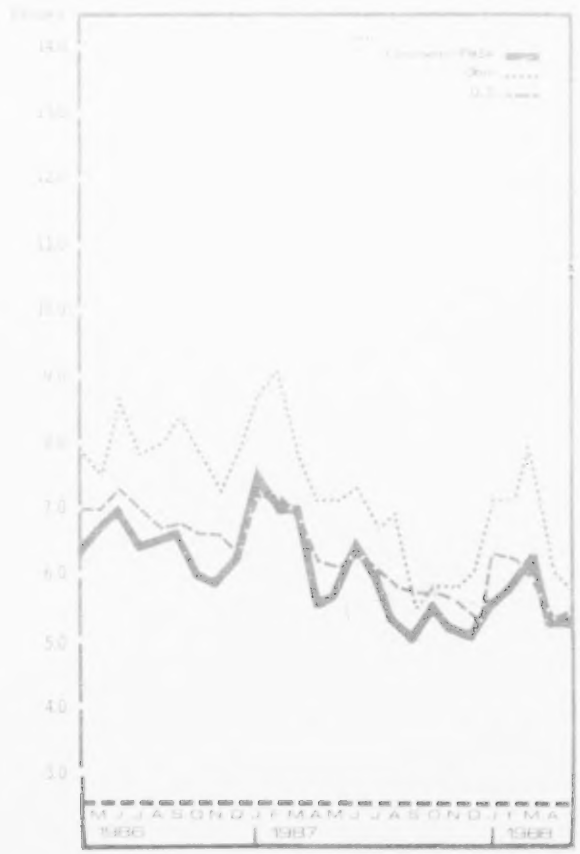
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



In the Cincinnati metropolitan area, total nonfarm payroll employment increased 3,500 from May, to 702,200 in June 1988. The improvement was concentrated in nonmanufacturing industries. Seasonal growth in services, especially amusement and recreation services, construction, and retail trade more than offset seasonal declines in state and local nonteaching personnel. Manufacturing employment, 143,200, was unchanged over the month. Production worker average hourly earnings increased $.04 from last month, to $11.10 per hour in June. They worked a slightly shorter workweek for an average of 42.0 hours.

Nonagricultural wage and salary employment advanced 22,000 between June 1987 and June 1988. Although nearly all nonmanufacturing industries recorded growth, significant expansion occurred in services, retail trade, and construction. Reductions in transportation equipment and nonelectrical machinery lowered manufacturing employment 1,500 over the year.





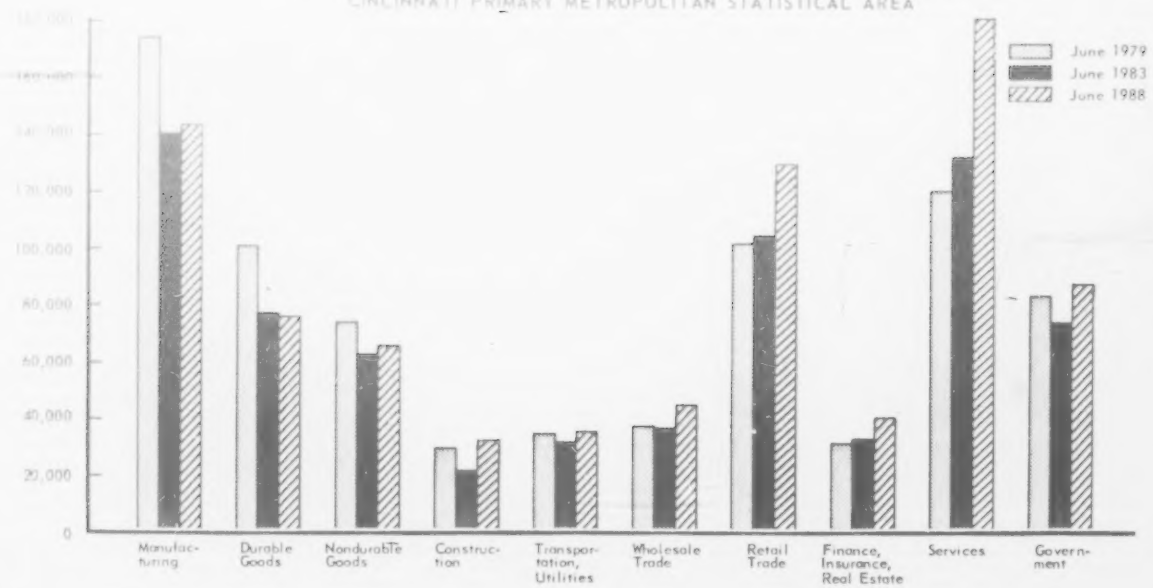
CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	$260.83	41.6	$ 6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.7	700.7	44.0	5.9	1987	677.1	145.4	93.0	467.57	42.7	10.95
				1987						
744.4	703.0	41.4	5.6	May	679.6	147.6	95.3	466.15	42.3	11.02
750.4	701.8	48.6	6.5	June	680.2	144.7	92.0	466.52	42.8	10.90
756.6	712.1	44.6	5.9	July	679.4	144.9	91.9	451.73	42.1	10.73
749.6	710.1	39.5	5.3	August	686.1	148.7	95.8	472.69	42.7	11.07
744.1	706.7	37.5	5.0	September	689.7	146.3	93.6	471.71	43.0	10.97
751.5	709.9	41.6	5.5	October	688.8	144.1	91.4	467.41	43.0	10.87
756.5	717.4	39.1	5.2	November	693.1	145.4	93.2	477.17	43.3	11.02
754.6	716.6	38.0	5.0	December	694.9	145.6	93.4	488.17	43.9	11.12
				1988						
747.1	706.0	41.1	5.5	January	679.6	145.1	92.9	481.00	43.1	11.16
752.2	709.0	43.2	5.7	February	679.4	144.5	92.4	466.47	42.1	11.08
753.9	706.7	47.2	6.3	March	678.3	137.7	86.0	453.60	42.0	10.80
753.8	715.0	38.8	5.2	April	693.2	143.8	91.8	462.42	42.0	11.01
753.8	714.4	39.5	5.2	May	698.7	143.2	91.3	465.63	42.1	11.06
INA	INA	INA	INA	June	702.2	143.2	91.4	466.20	42.0	11.10

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	702.2	698.7	680.2	3.5	22.0
MANUFACTURING	143.2	143.2	144.7	.0	- 1.5
Durable Goods[e]	76.4	76.7	78.1	- .3	- 1.7
Fabricated metal products	9.8	10.0	10.2	- .1	- .3
Fabricated structural metal products	3.7	3.8	4.0	.0	- .3
Machinery, except electrical	20.4	20.4	21.0	.0	- .6
Metalworking machinery	8.0	7.9	8.4	.1	- .4
General industrial machinery	3.0	3.0	2.9	.0	.0
Electric and electronic equipment	7.7	7.7	7.5	.0	.3
Transportation equipment	24.2	24.2	25.8	.0	- 1.6
Motor vehicles and equipment	4.8	4.9	5.1	.0	- .3
Nondurable Goods[f]	66.8	66.5	66.6	.3	.2
Food and kindred products	13.2	13.1	13.0	.0	.2
Beverages	3.4	3.4	3.6	.0	- .2
Apparel and other textile products	3.7	3.8	3.7	- .1	.0
Paper and allied products	5.9	5.8	6.1	.1	- .3
Printing and publishing	13.1	13.0	13.2	.1	- .2
Commercial printing	5.7	5.6	5.9	.1	- .2
Chemicals and allied products	22.7	22.5	22.5	.2	.2
Rubber and misc. plastics products	5.9	5.9	5.6	.1	.2
NONMANUFACTURING[g]	559.0	555.6	535.5	3.4	23.5
CONSTRUCTION	33.4	32.3	30.2	1.1	3.2
TRANSPORTATION AND PUBLIC UTILITIES	36.6	36.4	35.5	.2	1.1
Trucking and warehousing	10.5	10.4	10.0	.2	.6
Communication, electric, gas services	15.1	15.0	15.0	.1	.0
WHOLESALE TRADE	45.7	45.4	44.1	.4	1.7
Wholesale trade-durable goods	27.1	26.9	25.9	.2	1.2
RETAIL TRADE	130.2	129.3	125.9	.9	4.3
General merchandise stores	17.1	17.0	17.6	.1	- .5
FINANCE, INSURANCE, AND REAL ESTATE	42.3	41.8	40.6	.4	1.7
Banking	9.3	9.1	8.7	.2	.5
Insurance carriers	14.3	14.2	13.9	.1	.5
SERVICES	182.4	179.9	172.1	2.4	10.3
Hotels and other lodging places	7.2	7.0	6.7	.2	.5
Personal services	8.8	8.7	8.4	.1	.4
Business services	43.3	42.8	39.3	.6	4.0
Amusement and recreation services	11.6	10.3	11.2	1.4	.4
Health services	54.8	54.3	52.6	.5	2.2
Hospitals	25.8	25.5	25.3	.2	.5
GOVERNMENT	88.0	89.9	86.8	- 1.9	1.2
Federal government	15.2	15.5	14.7	- .3	.5
State government	19.7	20.1	19.8	- .4	- .1
State government education[h]	11.8	12.3	11.7	- .5	.1
State government, except education	7.9	7.8	8.1	.1	- .2
Local government	53.1	54.3	52.3	- 1.2	.8
Local government education	30.2	31.4	29.6	- 1.3	.6
Local government, except education	22.9	22.9	22.7	.1	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$466.20	$465.63	$466.52	42.0	42.1	42.8	$11.10	$11.06	$10.90
Durable Goods[e]	465.98	460.22	460.75	42.4	42.3	42.9	10.99	10.88	10.74
Fabricated metal products	416.91	418.35	424.76	41.9	42.3	44.2	9.95	9.89	9.61
Fabricated structural metal products	436.00	435.87	430.39	43.6	43.5	44.6	10.00	10.02	9.65
Machinery, except electrical	431.15	427.57	411.01	42.9	42.8	41.6	10.05	9.99	9.88
Metalworking machinery	494.40	491.94	466.04	44.5	44.6	42.6	11.11	11.03	10.94
General industrial machinery	441.10	422.55	383.98	45.9	44.2	41.2	9.61	9.56	9.32
Electric and electronic equipment	326.49	324.76	339.39	39.1	38.8	39.1	8.35	8.37	8.68
Transportation equipment	707.48	692.80	688.02	46.0	45.4	46.9	15.38	15.26	14.67
Motor vehicles and equipment	893.71	852.00	840.13	51.6	50.0	51.7	17.32	17.04	16.25
Nondurable Goods[f]	466.75	470.12	471.84	41.6	41.9	42.7	11.22	11.22	11.05
Food and kindred products	479.64	488.31	512.06	41.1	41.7	44.8	11.67	11.71	11.43
Beverages	509.64	505.12	532.95	41.2	41.0	42.5	12.37	12.32	12.54
Apparel and other textile products	217.41	228.05	208.51	37.1	38.2	37.3	5.86	5.97	5.59
Paper and allied products	426.64	429.25	437.91	42.2	42.5	43.4	10.11	10.10	10.09
Printing and publishing	447.42	453.66	458.69	39.7	39.9	40.7	11.27	11.37	11.27
Commercial printing	479.64	484.08	497.64	42.0	42.5	43.5	11.42	11.39	11.44
Chemicals and allied products	556.25	561.04	542.73	42.3	42.6	42.5	13.15	13.17	12.77
Rubber and misc. plastics products	404.35	407.08	459.73	43.2	44.2	47.2	9.36	9.21	9.74
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	564.51	556.14	528.15	40.7	40.3	39.8	13.87	13.80	13.27
WHOLESALE TRADE	404.41	405.81	389.91	40.2	40.5	40.7	10.06	10.02	9.58
RETAIL TRADE[h]	167.29	165.31	166.11	29.4	28.9	29.4	5.69	5.72	5.65
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	260.81	256.87	259.34	....	....	....	.....	.....	.....

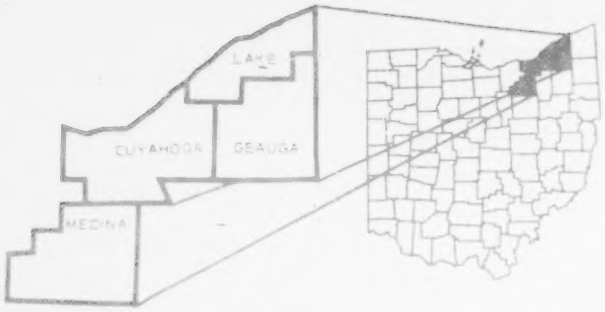
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor/management disputes.

Selected Administrative Program Activities[a]

	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	2,916	2,267	2,899
Active File of Job Seekers	21,335	21,228	18,603
Referrals to Jobs	1,850	1,560	2,910
Placements	599	291	723
Job Openings Received	1,295	1,397	1,313
Job Openings Unfilled	1,883	1,819	3,011
Unemployment Insurance Program			
Initial Claims	4,157	3,244	7,061
Continued Claims	39,185	38,492	38,338
First Payments	1,660	1,855	1,438
Last Payments	747	560	756
Weeks Compensated	31,220	30,067	29,405
Benefits Paid	$4,874,757	$4,666,854	$4,306,483
Average Weekly Payment	$158.37	$157.31	$149.23

[a]Ohio data only

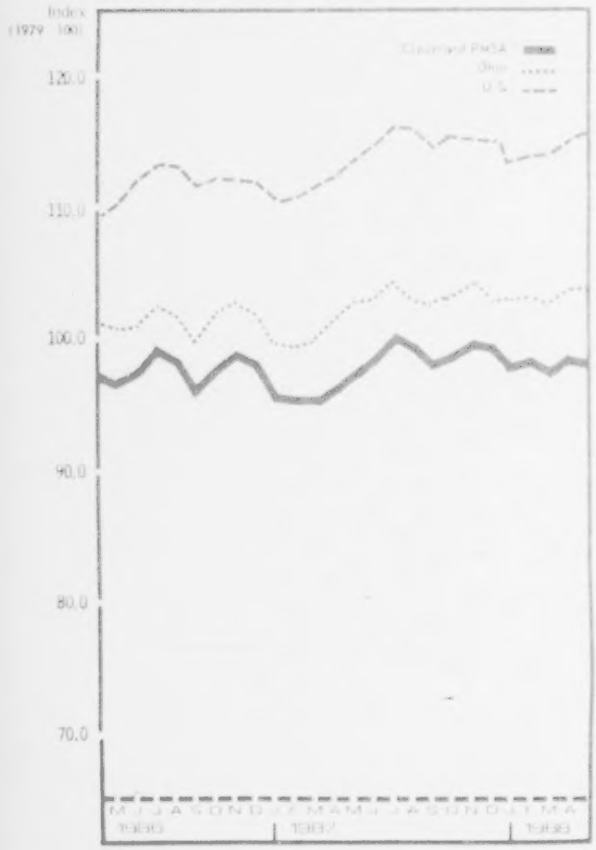
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



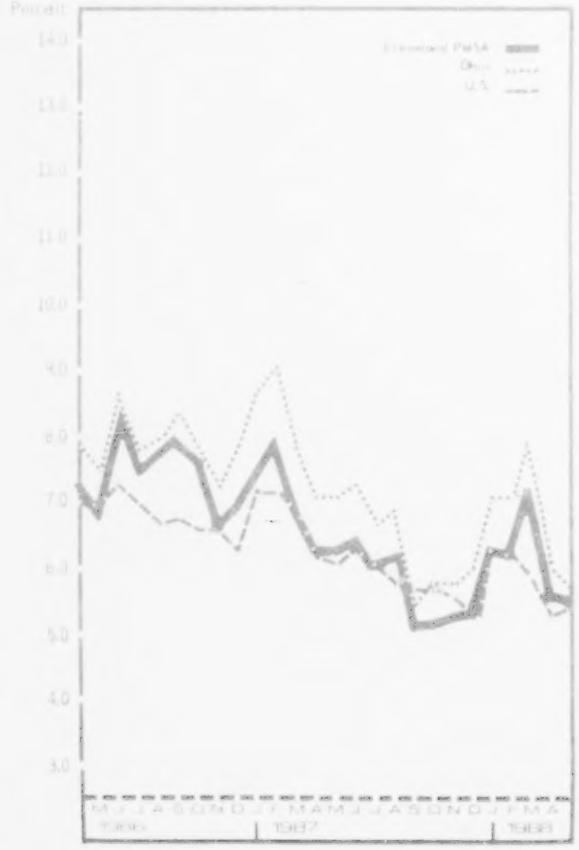
Nonagricultural wage and salary employment in the Cleveland metropolitan area totaled 917,600 in June, increasing 7,500 from the May 1988 level. Nonmanufacturing industries provided 85.3 percent of the improvement. Major growth sectors were services, retail trade, and construction. The manufacturing labor force added 1,100 workers over the month. Noteworthy gains occurred in nonelectrical machinery, fabricated metal products, and printing and publishing. Factory production workers averaged $11.86 per hour, up $.03 from May. Their average workweek was .2 hours longer, at 43.6 hours.

Between June 1987 and June 1988, total nonfarm payroll employment rose 18,600. Significant growth was noted in services and retail trade. Marked improvements were also recorded in finance, insurance, and real estate and in construction. Manufacturing employment advanced 2,200 over the year, to 203,300. Most of the expansion occurred in durable-goods industries, especially in fabricated metal products and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



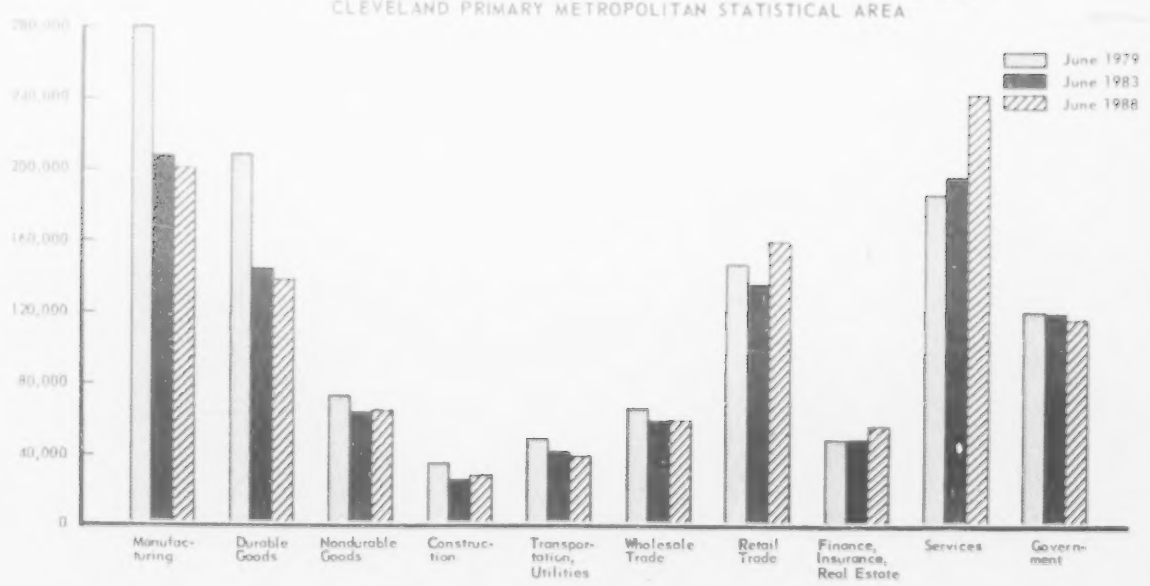
CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	$292.75	42.8	$ 6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
926.6	868.8	57.8	6.2	1987	891.6	200.8	128.5	496.35	42.9	11.57
				1987						
925.3	867.2	58.0	6.3	May	889.5	199.9	127.6	493.19	42.7	11.55
935.9	875.5	60.4	6.5	June	899.0	201.1	128.3	494.21	42.9	11.52
949.3	892.7	56.7	6.0	July	900.7	199.7	126.9	476.52	41.8	11.40
938.8	879.3	59.5	6.3	August	899.1	200.3	127.7	486.75	42.4	11.48
915.0	868.0	47.0	5.1	September	900.3	201.4	129.0	487.05	42.5	11.46
925.6	877.5	48.2	5.2	October	904.5	202.4	129.9	501.85	43.3	11.59
936.9	887.0	49.9	5.3	November	908.5	203.3	130.8	510.71	43.8	11.66
931.0	880.7	50.3	5.4	December	910.2	203.3	131.1	513.04	44.0	11.66
				1988						
928.2	869.7	58.5	6.3	January	889.8	202.0	130.1	503.53	43.0	11.71
930.3	872.7	57.5	6.2	February	889.6	201.8	130.0	500.21	42.9	11.66
934.3	866.3	68.0	7.3	March	893.3	201.8	129.7	510.26	43.5	11.73
926.4	874.9	51.5	5.6	April	902.1	201.8	129.7	512.55	43.4	11.81
922.4	871.9	50.5	5.5	May	910.1	202.2	130.3	513.42	43.4	11.83
INA	INA	INA	INA	June	917.6	203.3	130.9	517.10	43.6	11.86

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	917.6	910.1	899.0	7.5	18.6
MANUFACTURING	203.3	202.2	201.1	1.1	2.2
Durable Goods[e]	138.1	137.1	136.2	1.0	1.9
Primary metal industries	21.0	20.9	21.0	.1	— .0
Iron and steel foundries	5.1	5.1	5.2	.0	— .1
Fabricated metal products	33.5	33.3	32.6	.2	.9
Fabricated structural metal products	4.3	4.3	4.1	.0	.2
Screw machine products, bolts, etc.	4.8	4.8	4.8	.0	.0
Metal forgings and stampings	11.8	11.7	11.4	.1	.5
Machinery, except electrical	29.4	29.0	28.9	.4	.5
Construction and related machinery	2.8	2.8	2.9	.0	— .0
Metalworking machinery	9.7	9.6	9.6	.1	.1
Special industry machinery	2.8	2.8	2.8	.1	.1
General industrial machinery	3.0	3.0	3.0	.0	.0
Electric and electronic equipment	18.0	18.0	17.2	.0	.8
Electrical industrial apparatus	6.3	6.3	6.0	.0	.3
Transportation equipment	18.7	18.7	19.3	.0	— .5
Motor vehicles and equipment	11.8	11.8	11.9	.1	— .1
Instruments and related products	6.4	6.3	6.6	.0	— .2
Measuring and controlling devices	4.0	— .1	4.2	.0	— .2
Nondurable Goods[f]	65.2	65.1	64.9	.2	.3
Food and kindred products	6.8	6.8	6.9	.0	— .1
Apparel and other textile products	4.1	4.1	4.1	.0	.0
Paper and allied products	5.6	5.6	5.7	.0	— .1
Printing and publishing	16.1	15.9	16.3	.2	— .2
Chemicals and allied products	15.2	15.2	14.9	.0	.3
Rubber and misc. plastics products	12.3	12.4	12.2	— .1	.2
NONMANUFACTURING[g]	714.3	707.9	697.9	6.4	16.4
CONSTRUCTION	30.5	29.4	29.5	1.1	1.0
TRANSPORTATION AND PUBLIC UTILITIES	41.1	40.8	41.4	.3	— .3
Trucking and warehousing	12.2	12.1	12.2	.1	— .1
Communication, electric, gas services	17.4	17.4	17.9	.1	— .5
WHOLESALE TRADE	61.0	60.6	61.1	.5	— .0
Wholesale trade-durable goods	42.7	41.5	42.2	.2	.5
RETAIL TRADE	161.0	159.2	155.0	1.8	6.0
General merchandise stores	20.3	20.8	20.4	— .1	— .1
FINANCE, INSURANCE, AND REAL ESTATE	56.6	56.0	54.7	.7	1.9
Banking	13.4	13.3	13.2	.1	.2
Credit agencies other than banks	8.8	8.7	8.7	.0	.1
Insurance carriers	14.3	14.1	13.8	.1	.6
SERVICES	264.9	262.9	256.3	2.0	8.6
Business services	56.2	55.3	53.5	.9	2.7
Amusement and recreation services	9.6	9.0	9.8	.6	— .2
Health services	76.2	75.7	74.9	.5	1.3
Hospitals	42.6	42.4	42.4	.2	.2
GOVERNMENT	117.9	117.7	118.5	.2	— .6
Federal government	20.5	20.5	20.4	.0	.1
State government	8.7	8.2	8.5	.5	.2
State government education[h]	3.3	3.0	3.3	.2	.0
State government, except education	5.5	5.2	5.3	.3	.2
Local government	88.6	88.9	89.5	— .3	— .9
Local government education	44.1	45.6	43.3	— 1.5	.8
Local government, except education	44.5	43.3	46.2	1.2	— 1.7

Hours & Earnings of Production or Nonsupervisory Workers[a]

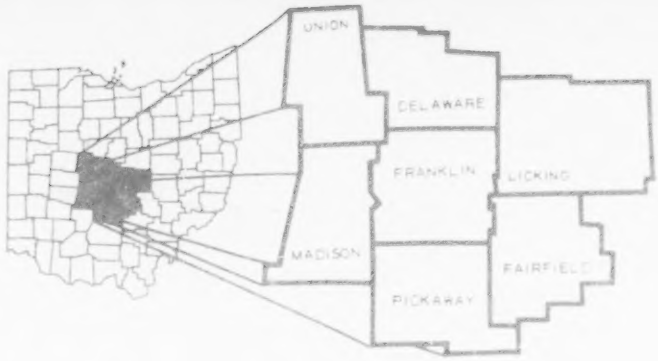
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$517.10	$513.42	$494.21	43.6	43.4	42.9	$11.86	$11.83	$11.52
Durable Goods[e]	558.30	554.03	527.56	44.7	44.5	43.6	12.49	12.45	12.10
Primary metal industries	597.88	600.05	609.22	46.6	47.1	45.6	12.83	12.74	13.36
Iron and steel foundries	897.39	877.75	858.11	50.7	50.1	51.2	17.70	17.52	16.76
Fabricated metal products	570.60	555.97	530.52	45.0	44.3	44.1	12.68	12.55	12.03
Fabricated structural metal products	408.46	381.62	409.28	41.3	39.1	42.5	9.89	9.76	9.63
Screw machine products, bolts, etc.	562.59	532.09	470.24	47.0	45.4	44.7	11.97	11.72	10.52
Metal forgings and stampings	743.91	718.49	683.28	48.4	47.3	46.8	15.37	15.19	14.60
Machinery, except electrical	507.17	509.76	483.51	43.2	43.2	42.6	11.74	11.80	11.35
Construction and related machinery	411.28	395.92	420.89	44.9	43.7	46.1	9.16	9.06	9.13
Metalworking machinery	439.93	442.24	424.15	41.0	41.1	41.1	10.73	10.76	10.32
Special industry machinery	477.71	464.26	460.08	40.9	40.3	38.5	11.68	11.52	11.95
General industrial machinery	483.96	486.95	487.99	43.6	43.4	43.3	11.10	11.22	11.27
Electric and electronic equipment	447.02	445.37	428.33	41.2	41.2	40.6	10.85	10.81	10.55
Electrical industrial apparatus	506.91	506.43	481.20	43.4	43.1	42.1	11.68	11.75	11.43
Transportation equipment	765.94	760.85	671.35	48.6	48.4	45.3	15.76	15.72	14.82
Motor vehicles and equipment	849.88	848.70	704.70	48.9	49.2	45.0	17.38	17.25	15.66
Instruments and related products	404.88	402.14	399.90	42.0	41.5	41.7	9.64	9.69	9.59
Measuring and controlling devices	417.77	417.37	405.14	40.6	40.6	40.8	10.29	10.28	9.93
Nondurable Goods[f]	418.61	417.38	415.48	41.0	40.8	41.3	10.21	10.23	10.06
Food and kindred products	386.72	388.28	369.18	40.2	40.7	42.0	9.62	9.54	8.79
Apparel and other textile products	327.13	325.12	307.26	39.7	39.6	38.6	8.24	8.21	7.96
Paper and allied products	465.37	459.38	503.78	41.7	41.2	44.9	11.16	11.15	11.22
Printing and publishing	392.03	398.15	407.59	36.4	36.9	38.2	10.77	10.79	10.67
Chemicals and allied products	510.99	503.33	495.50	43.6	42.8	42.9	11.72	11.76	11.55
Rubber and misc. plastics products	395.14	385.75	388.45	44.1	43.1	42.5	8.96	8.95	9.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	574.89	577.74	585.48	40.4	40.6	42.0	14.23	14.23	13.94
WHOLESALE TRADE	412.44	408.56	405.16	38.8	38.8	39.8	10.63	10.53	10.18
RETAIL TRADE[h]	186.02	182.21	185.61	28.1	27.4	28.6	6.62	6.65	6.49
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	307.76	298.97	296.37	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	359.26	337.41	342.55	31.5	31.3	32.5	10.77	10.78	10.54

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes state universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

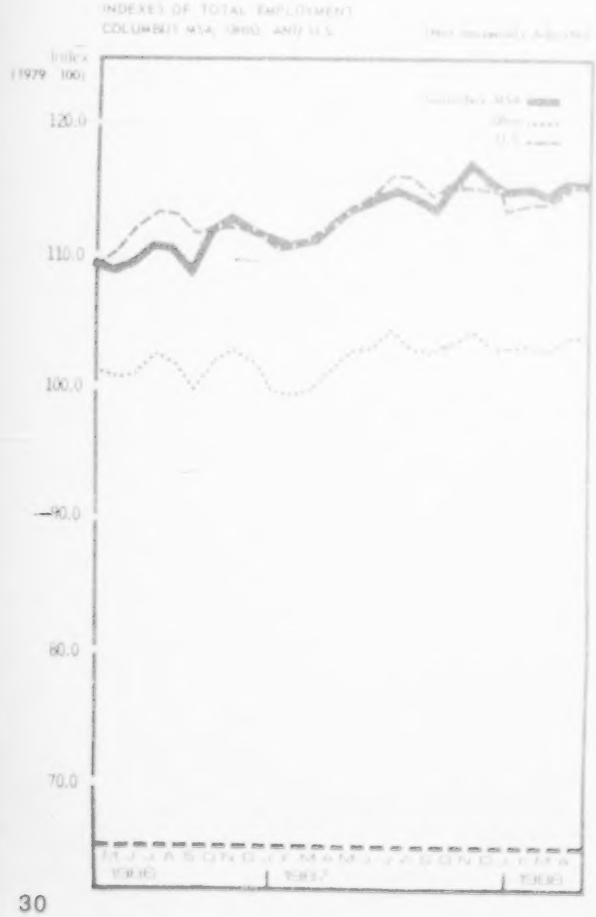
	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	4,637	4,022	— 6,529
Active File of Job Seekers	58,594	60,273	64,129
Referrals to Jobs	2,322	1,859	2,605
Placements	472	332	718
Job Openings Received	1,699	1,643	1,379
Job Openings Unfilled	4,200	3,842	2,069
Unemployment Insurance Program			
Initial Claims	5,750	5,745	6,695
Continued Claims	57,584	60,610	58,939
First Payments	2,415	2,367	2,521
Last Payments	1,030	972	1,056
Weeks Compensated	47,302	45,542	45,455
Benefits Paid	$7,225,147	$7,041,665	$6,581,097
Average Weekly Payment	$155.36	$157.32	$147.56

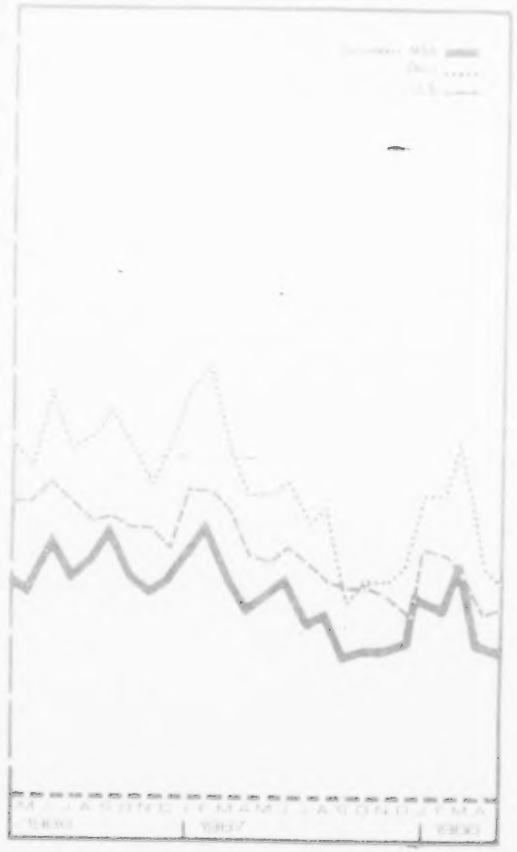
COLUMBUS METROPOLITAN STATISTICAL AREA



In the Columbus metropolitan area, nonfarm wage and salary employment was 4,700 higher than May, at 685,500 in June 1988. The improvement was concentrated in the nonmanufacturing sector. Primary growth industries were construction and services. Manufacturing employment increased 700 over the month. Stone, clay, and glass products and fabricated metal products recorded modest gains. Production workers averaged $11.56 per hour, down $.04 from May. Their average workweek, 41.5 hours, increased slightly.

Nonagricultural payroll employment advanced 25,300 between June 1987 and June 1988. A major portion of the growth occurred in services and retail trade. Significant increases were also noted in construction and finance, insurance, and real estate. Over the year, the manufacturing workforce lost 200 jobs. Reductions in transportation equipment and stone, clay, and glass products overshadowed expansion in rubber and miscellaneous plastics products.

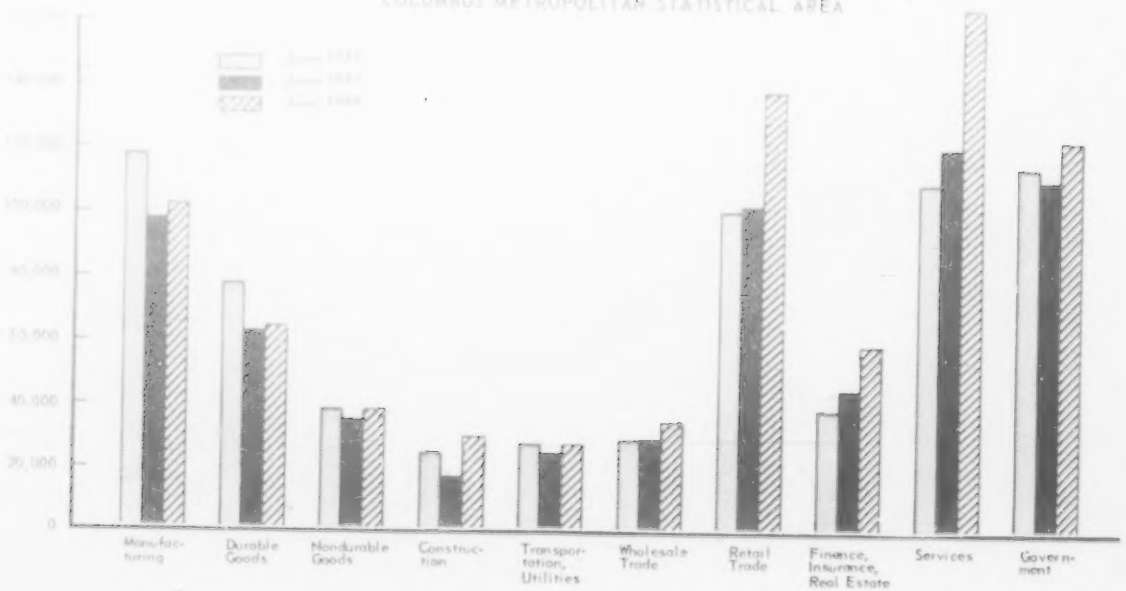




COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.4	656.9	37.5	5.4	1987	657.7	103.1	68.2	473.52	41.5	11.41
				1987						
696.1	657.1	39.1	5.6	May	657.2	103.4	68.4	474.24	41.6	11.40
699.6	659.1	40.4	5.8	June	660.2	103.2	68.5	473.10	41.5	11.40
700.4	664.4	36.0	5.1	July	652.9	102.5	67.6	474.12	41.3	11.48
696.0	659.2	36.8	5.3	August	657.4	102.9	68.0	467.72	41.1	11.38
686.6	655.0	31.6	4.6	September	662.8	102.8	67.9	477.88	41.7	11.46
699.9	666.7	33.1	4.7	October	670.3	102.9	67.9	483.91	42.3	11.44
707.8	674.3	33.5	4.7	November	674.2	102.7	67.8	484.76	42.3	11.46
704.2	669.8	34.3	4.9	December	676.4	102.3	67.3	475.57	41.9	11.35
				1988						
701.9	662.1	39.8	5.7	January	662.3	102.1	67.0	468.65	41.4	11.32
703.1	665.3	37.8	5.4	February	663.0	101.4	66.3	477.47	41.7	11.45
704.7	661.7	43.0	6.1	March	667.3	101.4	66.4	474.54	41.3	11.49
703.5	668.9	34.7	4.9	April	673.8	102.1	66.8	482.47	41.7	11.57
701.4	668.3	33.1	4.7	May	680.8	102.3	66.8	480.24	41.4	11.60
INA	INA	INA	INA	June	685.5	103.0	67.4	479.74	41.5	11.56

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	685.5	680.8	660.2	4.7	25.3
MANUFACTURING	103.0	102.3	103.2	.7	- .2
Durable Goods[e]	64.7	64.2	66.3	.6	- 1.5
Stone, clay, and glass products	10.0	9.8	10.7	.2	- .7
Glass and glassware, pressed or blown	3.8	3.7	4.2	.1	- .4
Fabricated metal products	9.4	9.3	9.3	.2	.1
Fabricated structural metal products	2.7	2.6	2.9	.1	- .2
Machinery, except electrical	9.1	9.2	9.0	.0	.1
Electric and electronic equipment	11.0	11.0	10.9	.0	.1
Transportation equipment	13.2	13.2	14.5	.0	- 1.3
Instruments and related products	4.2	4.1	4.1	.1	.1
Nondurable Goods[f]	38.3	38.1	36.9	.2	1.4
Food and kindred products	10.6	10.6	10.3	.0	.3
Printing and publishing	10.4	10.3	10.0	.1	.3
Chemicals and allied products	6.8	6.7	6.8	.0	.0
Rubber and misc. plastics products	5.8	5.7	5.1	.1	.7
NONMANUFACTURING[g]	582.5	578.6	557.1	4.0	25.5
CONSTRUCTION	30.5	29.3	28.0	1.2	2.5
TRANSPORTATION AND PUBLIC UTILITIES	28.5	28.4	27.8	.1	.7
Trucking and warehousing	11.8	11.8	11.5	.1	.4
Communication, electric, gas services	11.6	11.6	11.7	.0	.0
WHOLESALE TRADE	35.4	35.2	33.9	.1	1.5
Wholesale trade-durable goods	22.8	22.8	21.9	.0	.9
RETAIL TRADE	138.7	138.3	132.2	.4	6.4
General merchandise stores	22.5	22.5	20.9	.0	1.6
FINANCE, INSURANCE, AND REAL ESTATE	59.3	58.8	57.1	.5	2.2
Banking	12.0	11.9	11.5	.1	.4
Insurance carriers	23.3	23.2	22.6	.1	.7
SERVICES	165.0	164.0	155.2	1.0	9.8
Business services	37.7	37.3	34.5	.4	3.2
Health services	41.2	40.8	39.5	.5	1.8
Hospitals	18.2	18.0	17.5	.2	.7
GOVERNMENT	124.2	123.6	122.0	.6	2.2
Federal government	15.2	15.2	15.8	.0	-.6
State government	56.0	55.4	54.4	.6	1.6
State government education[h]	24.4	24.1	23.8	.3	.6
State government, except education	31.6	31.3	30.6	.3	1.0
Local government	53.1	53.1	51.8	.0	1.3
Local government education	32.1	32.6	30.7	-.5	1.4
Local government, except education	21.0	20.5	21.1	.5	-.1

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$479.74	$480.24	$473.10	41.5	41.4	41.5	$11.56	$11.60	$11.40
Durable Goods[e]	488.46	488.17	482.65	41.5	41.3	41.5	11.77	11.82	11.63
Stone, clay, and glass products	484.62	471.06	476.89	41.0	40.4	40.9	11.82	11.66	11.66
Glass and glassware, pressed or blown.	426.50	420.72	407.90	39.2	39.1	38.3	10.88	10.76	10.65
Fabricated metal products	536.76	524.10	501.02	42.0	41.3	41.0	12.78	12.69	12.22
Fabricated structural metal products	465.04	453.60	464.53	42.2	41.5	42.5	11.02	10.93	10.93
Machinery, except electrical	432.68	438.86	466.34	40.4	40.9	43.1	10.71	10.73	10.82
Electric and electronic equipment	459.91	463.49	458.21	40.7	40.8	40.3	11.30	11.36	11.37
Transportation equipment	570.57	612.04	566.71	41.8	44.0	42.9	13.65	13.91	13.21
Instruments and related products	410.74	407.68	434.72	39.8	39.2	41.8	10.32	10.40	10.40
Nondurable Goods[f]	461.90	462.02	454.01	41.5	41.4	41.5	11.13	11.16	10.94
Food and kindred products	446.04	447.28	469.79	41.3	41.3	43.1	10.80	10.83	10.90
Printing and publishing	540.25	543.71	515.48	39.9	39.6	39.2	13.54	13.73	13.15
Chemicals and allied products	544.65	548.00	509.39	41.8	41.8	40.3	13.03	13.11	12.64
Rubber and misc. plastics products	361.22	368.51	349.44	42.1	43.1	42.0	8.58	8.55	8.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	596.73	592.38	569.66	41.7	41.6	41.4	14.31	14.24	13.76
WHOLESALE TRADE	339.84	343.53	346.56	37.1	37.3	38.0	9.16	9.21	9.12
RETAIL TRADE[h]	179.55	178.44	174.71	28.5	28.1	28.5	6.30	6.35	6.13
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	267.83	267.04	258.76	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	335.89	338.61	322.56	34.1	34.1	33.6	9.85	9.93	9.60

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor management disputes.

Selected Administrative Program Activities

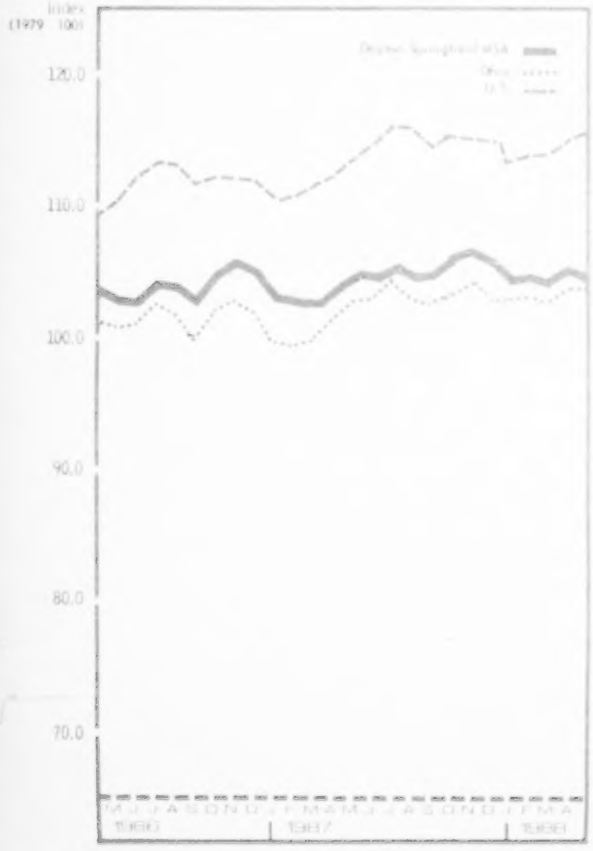
	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	4,339	4,081	5,023
Active File of Job Seekers	29,587	30,728	33,450
Referrals to Jobs	2,976	2,920	2,408
Placements	825	600	1,080
Job Openings Received	1,310	1,450	1,945
Job Openings Unfilled	2,377	2,570	4,497
Unemployment Insurance Program			
Initial Claims	3,324	3,410	4,726
Continued Claims	31,384	35,906	36,317
First Payments	2,063	1,556	1,710
Last Payments	75	774	673
Weeks Compensated	28,421	27,588	29,385
Benefits Paid	$4,361,842	$4,297,861	$4,460,797
Average Weekly Payment	$156.96	$158.87	$155.20

DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA

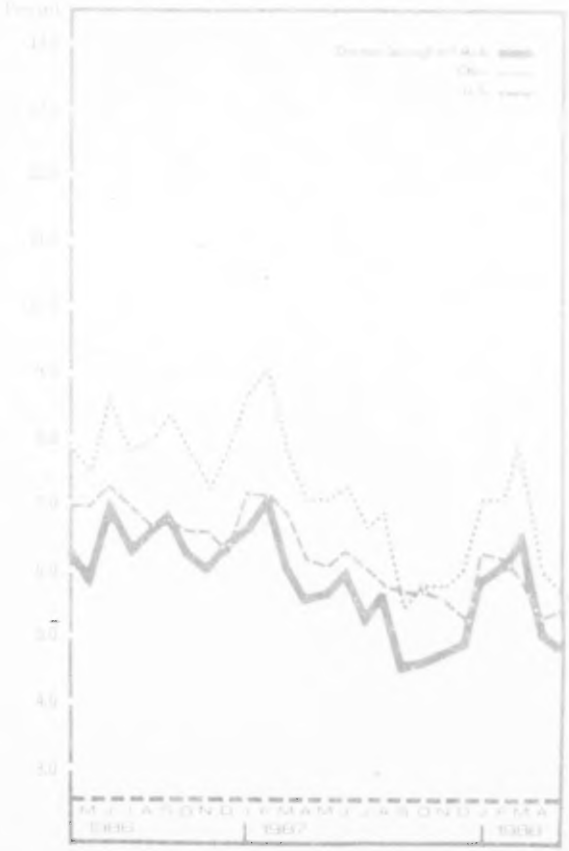
Nonagricultural payroll employment in the Dayton-Springfield metropolitan area totaled 440,000 in June, up 2,600 from May 1988. Increases in services, construction, and retail trade more than offset seasonal declines in local nonteaching personnel. The manufacturing sector, at 103,400, added 300 employees since May. Scattered improvements in durable goods outweighed reductions in nondurable goods. Factory production workers earned $12.70 per hour, up $.09 from last month. Their average workweek was slightly longer, at 43.8 hours.

Between June 1987 and June 1988, total nonfarm wage and salary employment increased 11,200. The growth was concentrated in the nonmanufacturing sector. Noteworthy expansion occurred in services, retail trade, local education, and construction. Manufacturing employment declined 800 over the year, due primarily to a reduced workforce in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. — Not Seasonally Adjusted



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. — Not Seasonally Adjusted

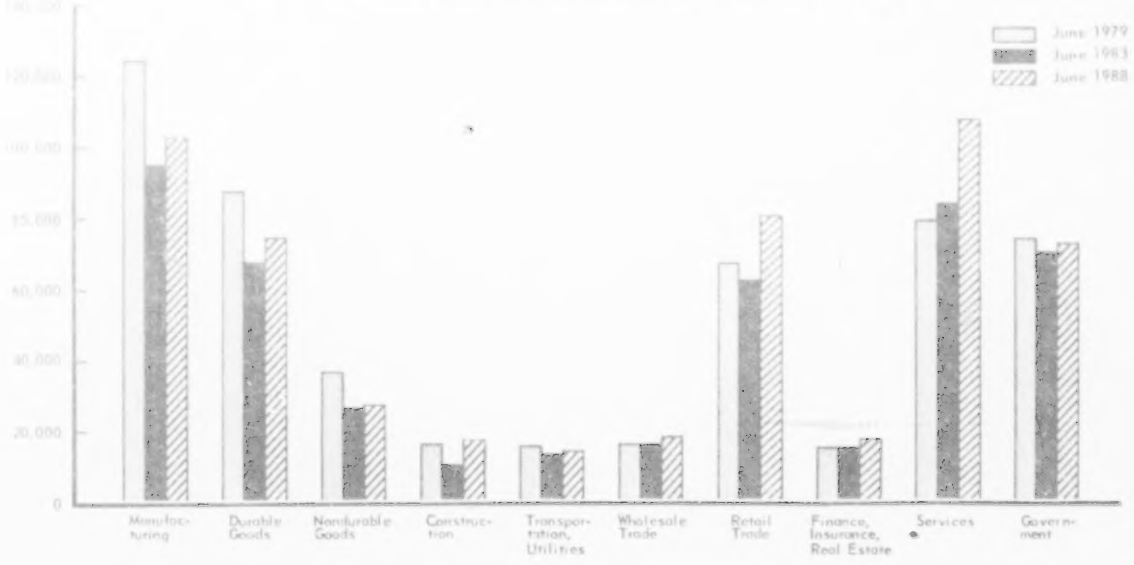


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
461.9	435.8	26.1	5.7	1987	427.9	105.8	66.7	499.38	42.0	11.89
				1987						
464.3	437.5	26.8	5.8	May	429.3	104.0	67.3	486.04	41.4	11.74
464.9	436.5	28.4	6.1	June	428.7	104.2	67.0	502.18	42.2	11.90
464.6	439.8	24.8	5.3	July	423.8	103.6	65.8	492.19	41.5	11.86
463.8	436.1	26.9	5.8	August	426.3	104.2	66.4	492.89	41.7	11.82
457.4	436.5	20.9	4.6	September	433.1	104.7	67.6	487.69	41.4	11.78
462.2	440.4	21.8	4.7	October	434.2	103.6	66.7	507.37	42.6	11.91
467.8	445.3	22.6	4.8	November	436.6	103.6	67.0	512.83	42.7	12.01
464.0	440.4	23.6	5.1	December	435.9	103.2	66.5	517.02	42.8	12.08
				1988						
463.7	436.1	27.6	5.9	January	427.4	102.4	65.4	507.24	42.2	12.02
465.9	437.2	28.6	6.1	February	426.9	101.9	65.0	516.86	42.4	12.19
466.5	435.8	30.6	6.6	March	430.6	102.5	65.6	539.14	43.2	12.48
462.8	439.8	22.9	5.0	April	434.2	103.0	66.2	546.45	43.3	12.62
459.8	437.9	21.9	4.8	May	437.3	103.2	66.4	551.06	43.7	12.61
INA	INA	INA	INA	June	440.0	103.4	66.3	556.26	43.8	12.70

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	440.0	437.3	428.7	2.6	11.2
MANUFACTURING	103.4	103.2	104.2	.3	-.8
Durable Goods[e]	74.8	74.4	75.4	.5	-.6
Fabricated metal products	8.4	8.3	8.4	.1	.0
Machinery, except electrical	30.8	30.6	30.7	.2	.1
Metalworking machinery	6.6	6.5	6.5	.0	.1
General industrial machinery	2.8	2.8	2.6	.0	.2
Electric and electronic equipment	5.8	5.8	5.9	.0	-.1
Electrical industrial apparatus	3.5	3.5	3.6	.0	-.2
Transportation equipment	20.2	20.1	21.1	.1	-.9
Nondurable Goods[f]	28.6	28.8	28.8	-.2	-.2
Food and kindred products	2.6	2.7	2.8	.0	-.2
Paper and allied products	6.0	6.1	5.9	-.1	.1
Printing and publishing	8.7	8.7	8.4	.0	.3
Rubber and misc. plastics products	7.7	7.8	8.0	-.1	-.3
NONMANUFACTURING[g]	336.5	334.1	324.5	2.4	12.0
CONSTRUCTION	18.8	17.9	17.0	.8	1.8
TRANSPORTATION AND PUBLIC UTILITIES	15.7	15.6	15.6	.1	.1
Communication, electric, gas services	5.3	5.3	5.6	.0	-.3
WHOLESALE TRADE	19.0	19.0	18.7	.1	.4
Wholesale trade-durable goods	12.6	12.5	12.4	.1	.2
RETAIL TRADE	81.9	81.2	78.6	.7	3.3
General merchandise stores	12.1	12.0	11.8	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	18.4	18.2	18.2	.3	.2
Banking	4.2	4.2	4.3	.0	-.1
Credit agencies other than banks	4.8	4.8	4.7	.0	.1
Insurance carriers	2.8	2.8	3.0	.0	-.2
SERVICES	108.5	107.4	104.3	1.1	4.3
Business services	27.6	27.1	25.7	.5	1.9
Health services	36.2	36.1	35.7	.1	.5
Hospitals	18.4	18.4	18.6	.0	-.2
Educational services	6.5	6.8	6.2	-.3	.3
GOVERNMENT	73.8	74.5	71.8	-.7	2.0
Federal government	27.9	27.9	28.0	.0	-.1
State government	7.5	7.5	7.5	.0	.1
State government education[i]	4.5	4.6	4.5	-.1	.0
State government, except education	3.0	2.9	2.9	.1	.1
Local government	38.3	39.1	36.3	-.8	2.0
Local government education	23.1	24.2	21.1	-1.2	2.0
Local government, except education	15.3	14.9	15.2	.4	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

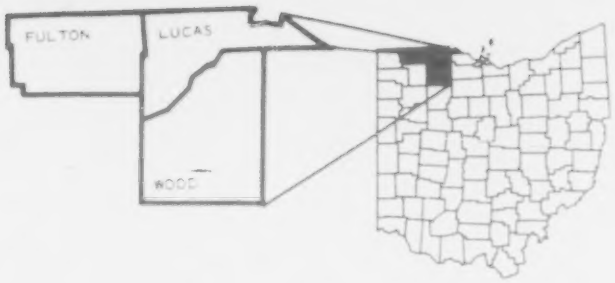
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$556.26	$551.06	$502.18	43.8	43.7	42.2	$12.70	$12.61	$11.90
Durable Goods[e]	566.69	558.01	511.83	44.1	43.8	42.3	12.85	12.74	12.10
Fabricated metal products	398.05	393.02	385.22	41.9	41.9	41.2	9.50	9.38	9.35
Machinery, except electrical	605.25	598.53	555.56	44.8	44.6	43.1	13.51	13.42	12.89
Metalworking machinery	548.58	534.38	533.05	45.3	44.2	44.2	12.11	12.09	12.06
General industrial machinery	447.10	478.04	472.50	42.1	44.1	44.2	10.62	10.84	10.69
Electric and electronic equipment	451.88	452.32	447.58	44.0	44.0	46.0	10.27	10.28	9.73
Electrical industrial apparatus	542.19	534.98	520.54	46.7	46.0	47.8	11.61	11.63	10.89
Transportation equipment	715.05	691.31	587.94	45.4	44.4	41.0	15.75	15.57	14.34
Nondurable Goods[f]	526.38	531.22	472.76	42.9	43.4	41.8	12.27	12.24	11.31
Food and kindred products	340.13	348.84	360.69	40.3	40.8	43.3	8.44	8.55	8.33
Paper and allied products	538.45	526.85	513.56	46.7	46.5	46.9	11.53	11.33	10.95
Printing and publishing	448.48	451.76	426.20	39.9	40.3	38.5	11.24	11.21	11.07
Rubber and misc. plastics products	693.83	712.71	554.36	43.5	44.6	39.4	15.95	15.98	14.07
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	541.35	535.60	538.65	40.1	40.0	40.5	13.50	13.39	13.30
WHOLESALE TRADE	412.08	408.28	412.68	40.4	39.6	40.9	10.20	10.31	10.09
RETAIL TRADE[h]	163.02	161.59	157.35	28.4	28.2	27.8	5.74	5.73	5.66
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	367.45	365.72	361.18	34.6	34.6	34.3	10.62	10.57	10.53

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	2,336	2,380	2,750
Active File of Job Seekers	16,724	18,538	21,111
Referrals to Jobs	1,576	1,809	1,691
Placements	328	523	517
Job Openings Received	1,263	1,092	737
Job Openings Unfilled	1,762	1,777	1,458
Unemployment Insurance Program			
Initial Claims	2,557	1,962	3,537
Continued Claims	20,240	20,626	24,762
First Payments	1,067	862	1,328
Last Payments	440	384	454
Weeks Compensated	17,632	16,666	18,894
Benefits Paid	$2,500,589	$2,397,780	$2,585,868
Average Weekly Payment	$144.82	$146.86	$140.22

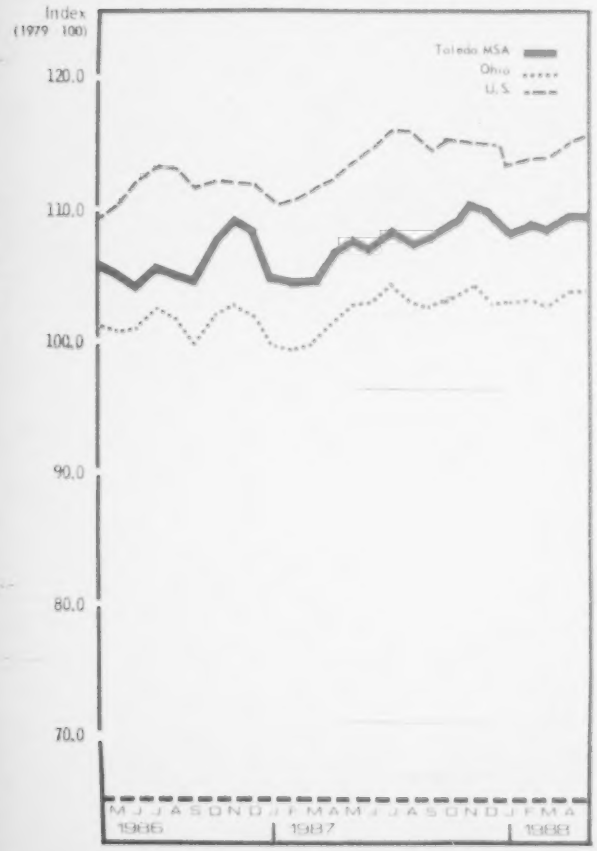
TOLEDO METROPOLITAN STATISTICAL AREA



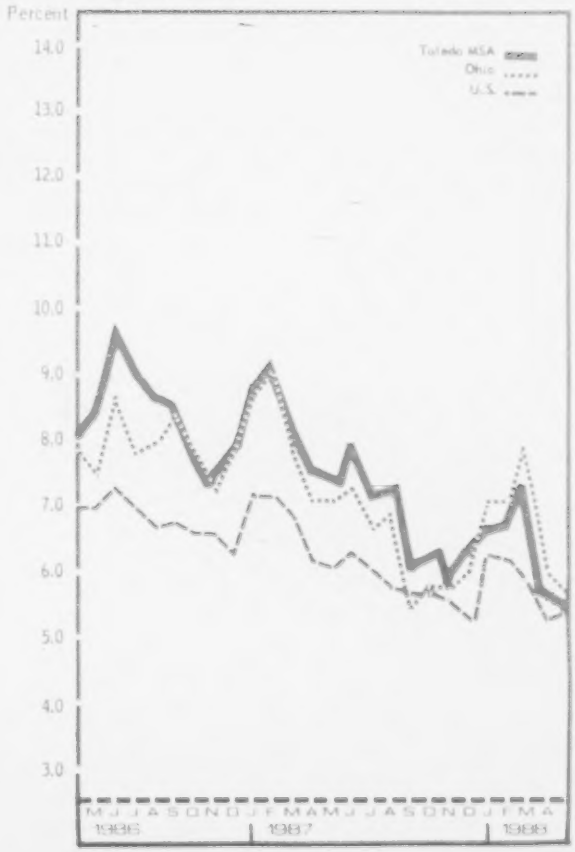
In the Toledo metropolitan area, total nonfarm payroll employment declined 1,400 from May, to 288,800 in June 1988. Nonmanufacturing employment was down 2,300 as seasonal reductions in state and local nonteaching personnel negated modest gains in construction, services, and retail trade. The manufacturing workforce added 900 jobs, with scattered growth in both durable- and nondurable-goods industries. Factory worker earnings increased slightly from last month, to $13.06 per hour. Their average workweek, 42.7 hours, was .3 hours longer.

Nonagricultural wage and salary employment rose 10,300 between June 1987 and June 1988. Growth in nonmanufacturing industries contributed 89.3 percent of the gain. Greatest expansion was noted in services, retail trade, and construction. Manufacturing employment advanced 1,100. Improvements in stone, clay, and glass products and rubber and miscellaneous plastics products outweighed reductions in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

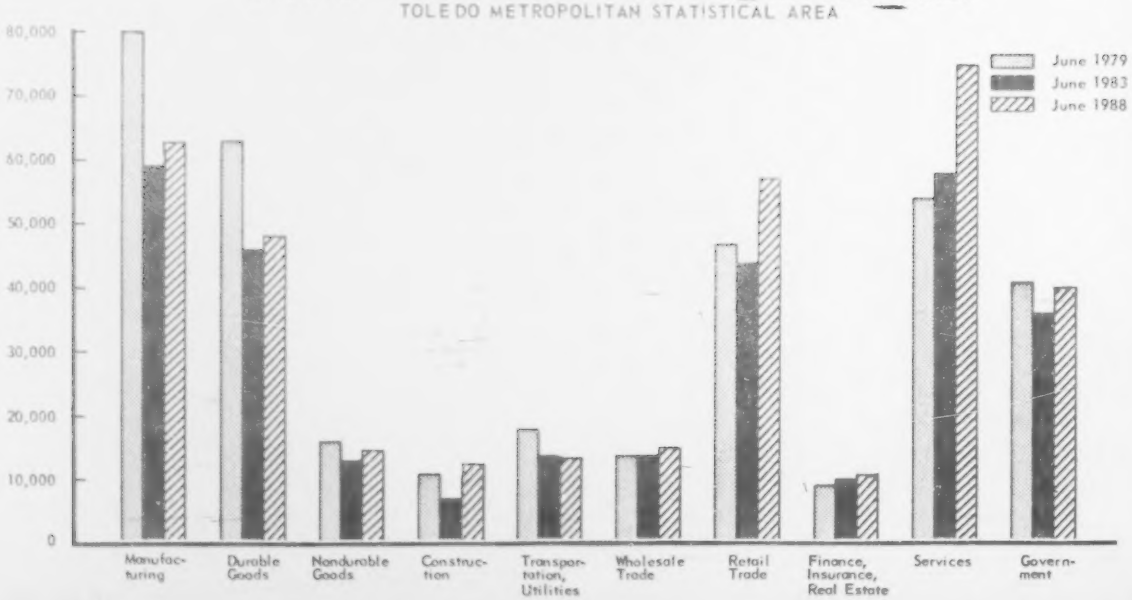


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
308.9	286.4	22.5	7.3	1987	279.4	62.1	43.6	540.60	42.5	12.72
				1987						
310.3	287.5	22.8	7.3	May	280.2	61.8	43.4	532.55	41.9	12.71
309.9	285.5	24.4	7.9	June	278.5	62.0	43.7	529.19	41.8	12.66
311.6	289.6	22.0	7.1	July	277.2	61.6	42.9	523.27	41.3	12.67
308.3	286.0	22.3	7.2	August	277.7	62.5	43.7	534.66	42.4	12.61
305.9	287.5	18.3	6.0	September	283.4	62.9	44.0	539.33	42.4	12.72
311.2	291.7	19.5	6.3	October	285.8	61.6	43.1	536.78	42.1	12.75
313.6	295.5	18.1	5.8	November	287.9	62.4	43.7	548.27	42.8	12.81
313.2	293.4	19.8	6.3	December	288.6	62.5	44.5	556.84	43.3	12.86
				1988						
309.5	289.1	20.4	6.6	January	281.5	62.2	44.6	572.47	43.7	13.10
311.3	290.4	20.9	6.7	February	281.5	61.8	44.1	526.58	41.3	12.75
312.3	289.5	22.8	7.3	March	284.0	61.8	44.1	568.49	43.1	13.19
310.9	293.2	17.7	5.7	April	287.3	62.0	44.2	572.86	43.3	13.23
310.1	293.1	17.0	5.5	May	290.1	62.2	44.4	552.90	42.4	13.04
INA	INA	INA	INA	June	288.8	63.1	45.2	557.66	42.7	13.06

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	288.8	290.1	278.5	- 1.4	10.3
MANUFACTURING	63.1	62.2	62.0	.9	1.1
Durable Goods[e]	48.6	48.2	47.9	.4	.7
Stone, clay, and glass products	8.5	8.3	7.9	.1	.6
Primary metal industries	3.5	3.5	3.4	.0	.1
Fabricated metal products	7.9	7.8	7.7	.2	.3
Metal forgings and stampings	3.4	3.3	3.4	.0	.0
Machinery, except electrical	6.2	6.2	6.1	.0	.1
Electric and electronic equipment	2.1	2.1	2.5	.0	- .3
Transportation equipment	15.6	15.5	16.0	.0	- .5
Motor vehicles and equipment	14.6	14.5	15.1	.0	- .6
Nondurable Goods[f]	14.5	14.0	14.1	.5	.5
Food and kindred products	3.7	3.7	3.7	.0	.0
Rubber and misc. plastics products	3.2	3.2	2.7	.0	.5
NONMANUFACTURING[g]	225.7	227.9	216.5	- 2.3	9.2
CONSTRUCTION	12.7	12.1	10.7	.6	1.9
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.8	13.9	.0	- .1
Trucking and warehousing	5.4	5.4	5.4	.0	.0
Communication, electric, gas services	5.1	5.1	5.0	.0	.0
WHOLESALE TRADE	15.4	15.3	14.8	.1	.6
Wholesale trade-durable goods	10.0	9.9	9.9	.1	.2
RETAIL TRADE	57.3	56.9	54.2	.4	3.0
General merchandise stores	7.3	7.3	7.4	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.3	11.2	11.4	.0	- .2
Banking	3.6	3.5	3.6	.0	.0
SERVICES	74.9	74.4	71.4	.5	3.5
Business services	15.9	15.6	14.7	.2	1.2
Health services	27.6	27.4	26.9	.2	.7
Hospitals	15.3	15.3	15.4	.0	-.0
GOVERNMENT	40.1	44.0	39.7	- 3.9	.3
State government	12.8	16.3	12.7	- 3.5	.1
State government education[1]	8.7	12.3	8.6	- 3.6	.1
State government, except education	4.2	4.1	4.1	.1	.0
Local government	24.6	25.0	24.4	- .4	.3
Local government education	14.0	14.4	13.6	- .4	.4
Local government, except education	10.6	10.6	10.8	.0	- .1

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

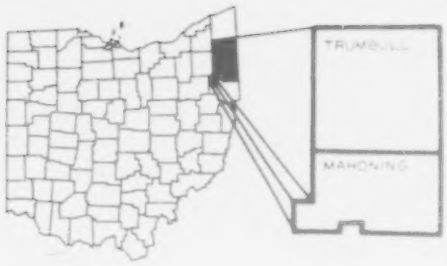
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$557.66	$552.90	$529.19	42.7	42.4	41.8	$13.06	$13.04	$12.66
Durable Goods[e]	579.08	579.44	546.69	42.8	42.7	41.7	13.53	13.57	13.11
Stone, clay, and glass products	498.53	508.16	516.94	39.1	39.7	40.8	12.75	12.80	12.67
Primary metal industries	490.16	480.22	496.80	43.3	42.8	43.2	11.32	11.22	11.50
Fabricated metal products	548.64	542.30	530.76	43.2	42.6	42.7	12.70	12.73	12.43
Metal forgings and stampings	702.73	704.40	642.69	45.9	45.8	44.6	15.31	15.38	14.41
Machinery, except electrical	508.56	505.91	477.76	42.7	42.3	41.4	11.91	11.96	11.54
Electric and electronic equipment	514.68	517.10	503.47	42.5	42.7	40.8	12.11	12.11	12.34
Transportation equipment	726.52	727.72	640.10	44.3	44.4	41.7	16.40	16.39	15.35
Motor vehicles and equipment	736.92	736.48	642.30	44.5	44.5	41.6	16.56	16.55	15.44
Nondurable Goods[f]	478.84	454.99	463.41	42.3	41.4	41.9	11.32	10.99	11.06
Food and kindred products	546.98	540.59	570.97	42.6	42.3	45.1	12.84	12.78	12.66
Rubber and misc. plastics products	362.10	343.20	330.06	42.7	41.2	40.3	8.48	8.33	8.19
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	608.81	604.24	629.22	41.5	41.5	42.4	14.67	14.56	14.84
WHOLESALE TRADE	380.83	377.14	351.00	38.9	38.8	37.5	9.79	9.72	9.36
RETAIL TRADE[h]	163.23	159.59	161.44	29.2	28.6	29.3	5.59	5.58	5.51

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	2,447	2,096	2,321
Active File of Job Seekers	18,549	18,403	15,925
Referrals to Jobs	1,814	1,595	1,273
Placements	341	274	341
Job Openings Received	826	775	869
Job Openings Unfilled	1,266	1,201	1,641
Unemployment Insurance Program			
Initial Claims	2,396	2,419	3,899
Continued Claims	16,969	19,295	26,151
First Payments	1,135	737	1,261
Last Payments	330	281	349
Weeks Compensated	14,572	13,845	17,785
Benefits Paid	$2,132,368	$2,064,602	$2,531,251
Average Weekly Payment	$149.97	$152.80	$145.97

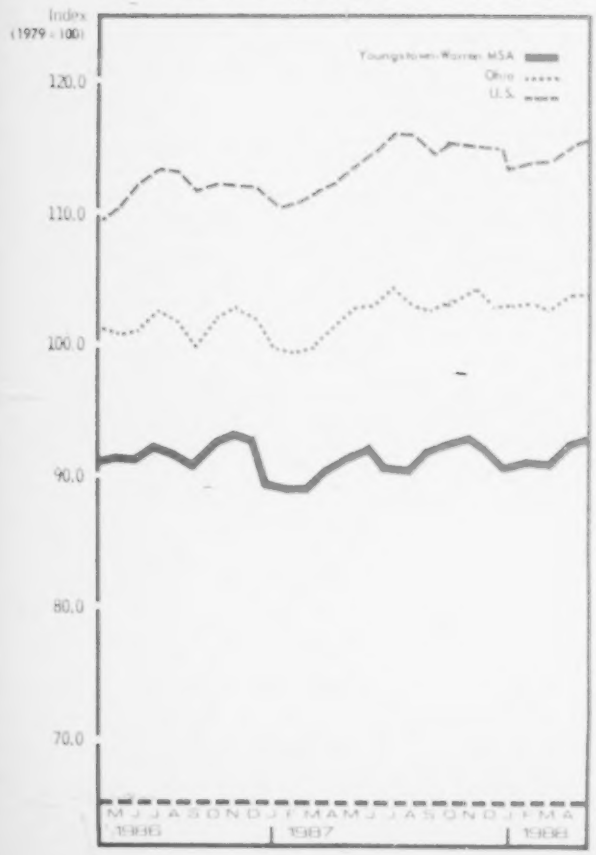
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



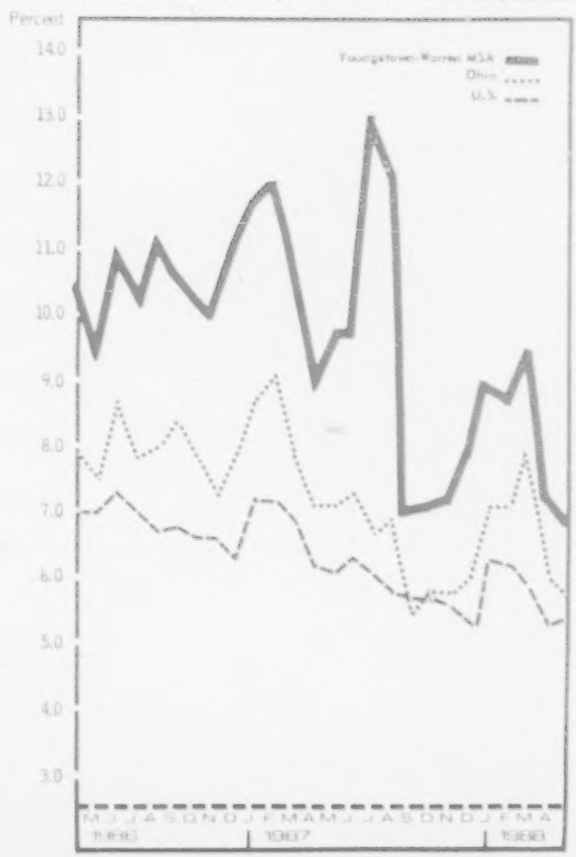
Nonagricultural payroll employment in the Youngstown-Warren metropolitan area rose 1,400 from May, to 197,500 in June 1988. The nonmanufacturing sector provided 85.7 percent of the improvement. Significant increases occurred in construction and services. The manufacturing labor force added 300 workers due to modest growth in primary metal industries. Production workers averaged $13.67 per hour, up $.09 from last month. Their average workweek, 42.7 hours, was 1.0 hours shorter.

Between June 1987 and June 1988, total nonfarm wage and salary employment advanced 6,700. Expansion in retail trade and services contributed most to the improvement. Manufacturing employment increased 1,400 over the year, to 50,600. Major growth sectors were primary metal industries (+1,000) and fabricated metal products (+400).

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

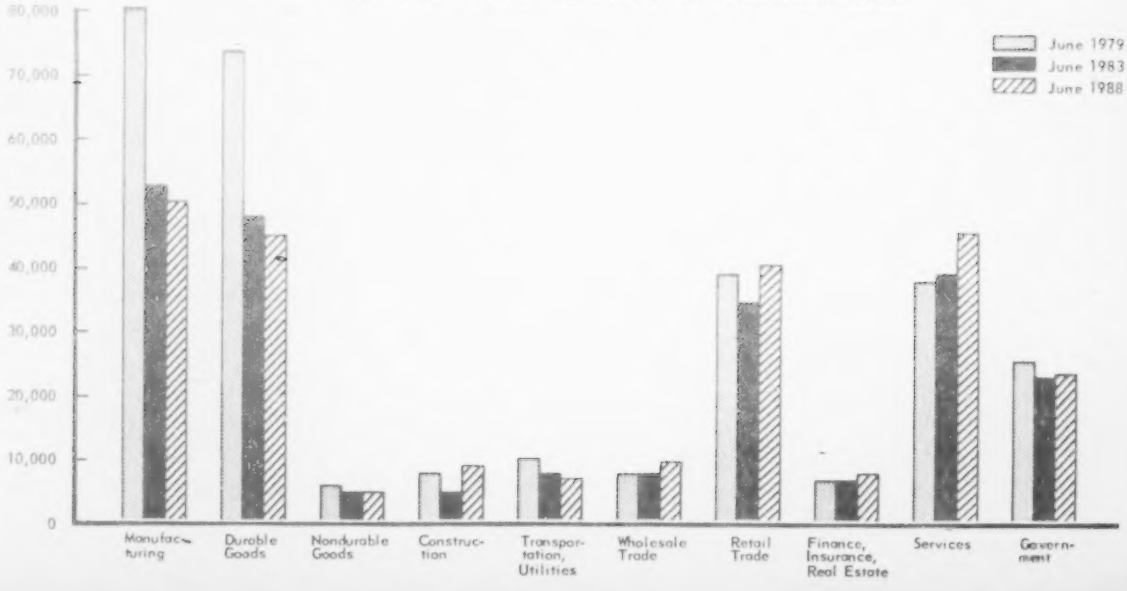


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	$313.50	40.4	$ 7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.3	199.7	21.5	9.7	1987	188.1	48.8	36.6	567.91	42.7	13.30
				1987						
223.0	201.5	21.5	9.7	May	189.6	49.1	36.8	565.78	42.7	13.25
224.1	202.4	21.7	9.7	June	190.8	49.2	36.9	566.67	42.8	13.24
228.0	198.4	29.6	13.0	July	183.4	43.8	31.5	541.80	42.0	12.90
225.2	197.9	27.4	12.1	August	185.5	45.9	33.8	548.98	42.1	13.04
216.6	201.6	15.0	6.9	September	191.8	50.5	38.2	581.52	43.3	13.43
218.8	203.3	15.5	7.1	October	191.8	49.8	37.8	566.67	42.8	13.24
220.2	204.5	15.8	7.2	November	191.9	49.7	37.8	566.89	42.4	13.37
219.1	201.7	17.4	7.9	December	191.5	49.4	37.6	560.03	41.7	13.43
				1988						
218.9	199.2	19.7	9.0	January	187.3	49.1	37.3	557.61	41.8	13.34
219.9	200.7	19.2	8.7	February	187.9	49.2	37.4	554.86	41.5	13.37
221.4	200.4	21.0	9.5	March	189.8	49.5	37.7	557.86	41.6	13.41
219.3	203.5	15.8	7.2	April	192.5	50.0	38.1	570.46	42.1	13.55
219.3	204.4	14.8	6.8	May	196.1	50.3	38.4	593.45	43.7	13.58
INA	INA	INA	INA	June	197.5	50.6	38.7	583.71	42.7	13.67

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1988[b]	May 1988[c]	June 1987[c]	From Last Month	From Last Year
TOTAL	197.5	196.1	190.8	1.4	6.7
MANUFACTURING	50.6	50.3	49.2	.3	1.4
Durable Goods[e]	45.3	45.0	44.1	.3	1.2
Primary metal industries	19.2	18.8	18.1	.3	1.0
Blast furnace and basic steel products	5.6	5.6	5.6	.0	.0
Fabricated metal products	7.7	7.7	7.3	.0	.4
Machinery, except electrical	3.8	3.7	3.8	.1	.0
Electric and electronic equipment	2.1	2.1	2.3	.0	- .1
Transportation equipment	9.4	9.5	9.5	- .1	- .2
Nondurable Goods[f]	5.3	5.3	5.0	- .1	.2
NONMANUFACTURING[g]	146.9	145.8	141.7	1.2	5.3
CONSTRUCTION	8.9	8.3	8.0	.6	.9
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.7	7.7	.0	.0
Communication, electric, gas services	3.0	3.0	3.0	.0	- .1
WHOLESALE TRADE	10.4	10.2	9.8	.2	.7
Wholesale trade-durable goods	6.4	6.3	6.2	.0	.2
RETAIL TRADE	40.7	40.4	39.0	.3	1.8
General merchandise stores	5.0	5.0	5.3	- .1	- .4
FINANCE, INSURANCE, AND REAL ESTATE	8.5	8.4	8.3	.1	.2
Banking	2.9	2.9	2.8	.0	.0
SERVICES	45.9	45.3	44.5	.6	1.4
Health services	19.8	19.6	19.4	.2	.4
Hospitals	10.2	10.1	10.1	.1	.1
GOVERNMENT	24.3	24.9	23.9	- .6	.4
State government	4.3	4.4	4.3	.0	.0
State government education[1]	2.8	2.9	2.8	.0	.1
State government, except education	1.5	1.5	1.6	.0	- .1
Local government	17.9	18.5	17.5	- .6	.4
Local government education	11.4	12.1	11.1	- .7	.3
Local government, except education	6.4	6.3	6.4	.1	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]	June 1988[b]	May 1988[c]	June 1987[c]
MANUFACTURING	$583.71	$593.45	$566.67	42.7	43.7	42.8	$13.67	$13.58	$13.24
Durable Goods[e]	593.53	608.08	582.28	42.7	44.0	43.1	13.90	13.82	13.51
Primary metal industries	653.62	642.21	610.46	43.2	42.9	42.6	15.13	14.97	14.33
Blast furnace and basic steel products	618.77	618.77	638.95	45.1	45.1	46.1	13.72	13.72	13.86
Fabricated metal products	592.70	586.94	534.01	44.1	43.9	41.3	13.44	13.37	12.93
Machinery, except electrical	463.17	473.47	517.72	40.7	41.9	43.8	11.38	11.30	11.82
Electric and electronic equipment	451.07	446.93	434.42	40.6	40.3	40.6	11.11	11.09	10.70
Transportation equipment	622.74	698.40	678.37	42.8	48.0	46.4	14.55	14.55	14.62
Nondurable Goods[f]	455.20	425.86	418.99	41.8	40.1	40.6	10.89	10.62	10.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.46	545.83	553.91	39.8	39.9	41.0	13.68	13.68	13.51
WHOLESALE TRADE	364.95	362.29	342.14	39.2	38.5	38.4	9.31	9.41	8.91
RETAIL TRADE[h]	173.73	175.52	173.75	29.1	29.4	29.4	5.97	5.97	5.91

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1988	May 1988	June 1987
Employment Service Program			
New Applicants	2,114	1,996	1,903
Active File of Job Seekers	16,441	18,151	19,042
Referrals to Jobs	1,432	1,297	1,507
Placements	468	322	576
Job Openings Received	809	611	786
Job Openings Unfilled	1,031	1,067	639
Unemployment Insurance Program			
Initial Claims	2,639	2,191	4,579
Continued Claims	15,220	14,941	20,878
First Payments	826	868	964
Last Payments	316	299	342
Weeks Compensated	13,241	13,997	16,974
Benefits Paid	$1,821,379	$2,024,083	$2,327,263
Average Weekly Payment	$140.54	$148.87	$141.72

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	40	.2
Manufacturing	56	.3
Nonmanufacturing	35	.2
Mining	56	1.1
Construction	17	1.1
Transportation and Public Utilities	43	.3
Wholesale Trade	19	.3
Retail Trade	20	.4
Finance, Insurance, and Real Estate	42	.2
Services	26	.3
Government	70	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1987 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Ohio

	June 1988	May 1988	June 1987
New Applicants	40,409	35,542	41,471
Active File of Job Seekers	270,609	277,386	292,657
Counseling Interviews	1,410	1,167	1,470
Tests Administered	3,678	4,048	3,879
General Aptitude Tests	168	153	410
Proficiency Tests	460	434	397
Specific Aptitude Tests	1,202	1,624	1,286
Referrals to Jobs	32,914	27,693	26,800
Placements	7,524	6,165	8,473
Job Openings Received	15,074	14,867	13,416
Job Openings Unfilled	24,256	23,703	22,801

Selected Unemployment Insurance Activities

	June 1988	May 1988	June 1987
Initial Claims	40,272	37,844	55,473
Continued Claims	337,024	355,021	389,194
First Payments	16,903	14,792	17,673
Last Payments	6,670	6,398	6,965
Average Weekly Claimants	75,512	81,150	88,426
Average Weekly Benefit Recipients	61,190	68,929	73,711
Weeks Compensated	287,269	275,716	298,443
Benefits Paid	$42,729,975	$41,679,753	$43,017,081
Average Weekly Payment	$152.24	$154.62	$147.91
Continued Claims for Survey Week	73,566	80,914	89,905
Insured Unemployment Rate	1.7	1.9	2.1
Net Contributions	$3,436,258	$255,065,901	$9,653,004
Active Employer Accounts	200,060	200,354	197,026

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